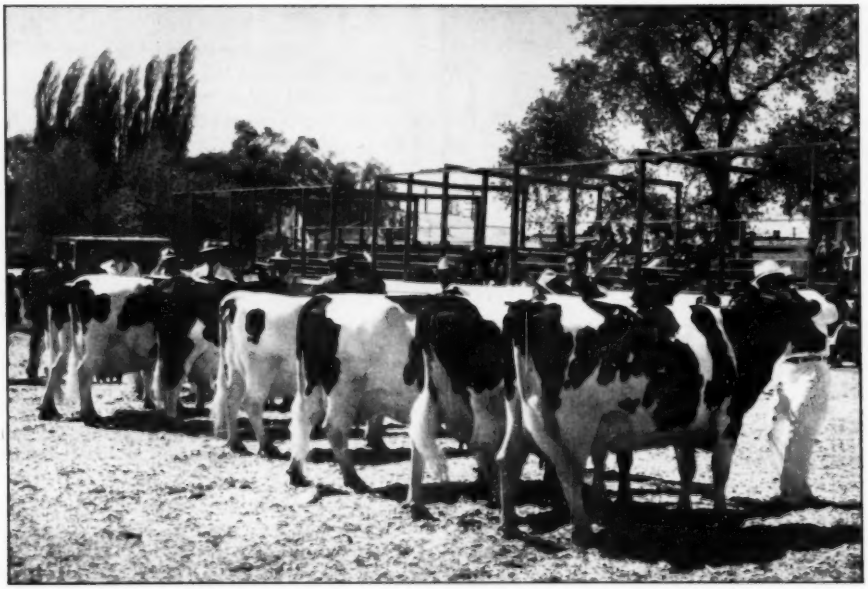
Holstein-Friesian WORLD

Intermountain Holsteins on Parade

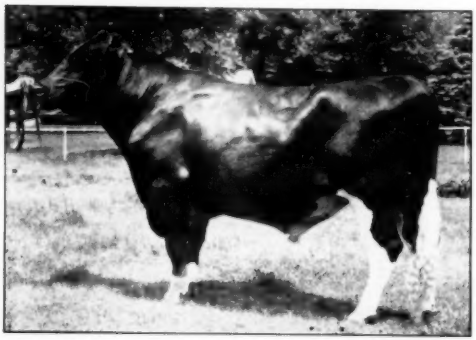


AGED COW CLASS AT THE 1948 RICHMOND, UTAH BLACK & WHITE SHOW
This Year's Event will have a National Audience

IN THIS ISSUE

Annual Reports of Officers
Miller Acres Dispersal

MAYTAG BURKE DICTATOR PERFECTION
(At 7 months).



PABST BURKE BREEZE TRITOMIA
(At 3y)

DICTATOR DINAH BESS
(At 5y—weighed 1850 lbs.)

Offering a

Burke - Dictator

Maytag Burke Dictator Perfection

Born — September 9, 1948

Here is a deep-bodied young bull, richly bred, whose six nearest dams, some in heifer form, one at 13 yrs., partly on 3X average:

737 lbs. Fat — 3.95% — 18,649 lbs. Milk

A maternal brother by Dictator 52nd is owned by Carl Feske, Osceola, Wis.

Sire

Pabst Burke Breeze Tritomia

His oldest offspring have been 1st prize winners at Iowa Black and White shows.
His maternal sister has 815 lbs. Fat 3.7% on 3X.
His full brother sold for $9500 in 1947 U. S. National Sale to Ray Ullmann.
He is by "Old Burke" and from Breeze Tritomia Skylark, 722-lb. 4.1% 3X daughter of Sir Skylark Monarch, a paternal brother to Dictator.

Dam

Dictator Dinah Bess

513 lbs. Fat 3.9% on 3X at 3½ yrs. (Qualified for 10 months division.)
Her sire is Sir Ormsby Fobes Dictator, noted as a sire of Good Udders. With only a portion of his offspring classified, he has at least 5 Excellent, 12 Very Good.
His two nearest dams have 924 lbs. 4.2% and 1102 lbs. 4.2%.
Her dam with 705 lbs. 3.9% at 3½ yrs. is a full sister to the Proven, Excellent sire, Sir Bess Ormsby Dean. She is by the high Index sire, Sir Bess Ormsby Fobes 73rd, and from "Old Dinah" with 808 lbs. at 13 yrs. 3.9%, and who had 16 calves, and lived 20 yrs.

Pedigree and Price sent on request.

Maytag DAIRY FARMS Inc.

BOX 506 NEWTON, IOWA

FRED MAYTAG II, PRESIDENT — LOWELL NELSON, HERDSMAN — M. M. CAMPBELL, VICE-PRESIDENT - MANAGER

One of Our Nicest Heifers

to the

Bred Heifer Classic

MAY 7 at SPRINGFIELD

OSBORNDALE ORMSBY INKA LOCHINVAR (Roxanne)
Our son of Lochinvar from a 951-lb. 4% daughter of a 952-lb. dam. He combines Lochinvar, Inka and Sir Bess blood lines.

An April 1947 Daughter of "ROXANNE"
Bred to SIR OLIVER

Our selection for the Bred Heifer Classic is Osborndale Miss Lochinvar Lady, a double granddaughter of Montvic Lochinvar.
Her sire is Osborndale Ormsby Inka Lochinvar (Roxanne) and her dam Osborndale Beth Ormsby Lochinvar, with 513.1 lbs. fat, 3.6%, at 3 yrs., 2X.
Second dam is a 636-lb. 4% daughter of Sir Piebe Inka May Fayne; third dam a 721-lb. 3.9% daughter of Sir Bess Ormsby May; fourth dam old Mantup Pietje Bess Ormsby with 1127 lbs. fat, 3.9%.

Bred Feb. 19, 1949 to
OSBORNDALE SIR OLIVER ORMSBY KING
(Gold Medal Proven Sire)

OSBORNDALE — Derby, Conn.

F. M. NICHOLS, Mgr. **MRS. W. S. KELLOGG, Owner** **HANS JENSEN, Herdsman**

A Well-Grown, Well-Bred Calf, of Very Good Type

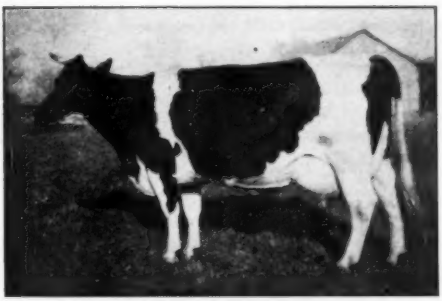
Priced At Only $350 f.o.b. Kingston, R. I.

This bull calf was born Aug. 31, 1948. His sire, Broad Rock Fond Duke, is a son of Dunloggin Fond Memory out of Dunloggin Pica (right), she by Dunloggin Footprint and from the 708-lb. 4% Dunloggin Duchess Belle, maternal granddaughter of New Year Belle. We have 15 young daughters of "Fond Duke" in the Broad Rock herd.

The dam is Quonquont Elaine Modest:
2y 2m 365d 18129 M. 3.7% 679 F.
4y 6m 365d 19598 M. 3.8% 739 F.
7y 3m 365d 14802 M. 3.8% 558 F.

She is by Quonquont Sir Modest and from a 784-lb. brood cow with 4 AR daughters.

His Sire's Dam—



DUNLOGGIN PICA 2210077
3y 9m 3X 317d 12357 M. 4.1% 510 F.
4y 11m 3X 333d 15902 M. 4.1% 647 F.

Send today for pedigree and full details.

BROAD ROCK FARM

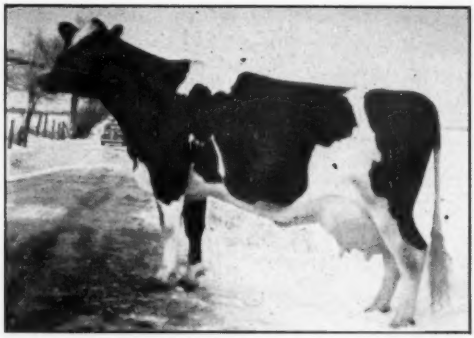
M. A. GAMMINO, Owner — Peace Dale, Rhode Island

Published First and Third Saturday of Each Month Price $2.00 Per Year
Entered as second class matter, December 16, 1918, at the Po st Office at Lacona, New York, under the act of March 4, 1879

We Are Gratified--

We at Pabst Farms are gratified to learn that our herd is the leading Honor List Herd of '48, and with the highest score ever attained since these records have been computed.

OUR HIGHEST HONOR LIST COW OF 1948



PABST ROAMER PRIDE LOUISE (V.G.)
2y-5m-305d-cc-183d-3X 16784M 4.4% 730.9F—41 Points
2y-5m-365d-cc-243d-3X 18257M 4.4% 805.2F—31 Points

Total Score 72 Points

Other High Point Winners In Our Herd

PABST ROAMER PAULSADER WAYNE (GP)	2y3m-305d-cc-164d-3X	17713M	3.6%	635.9F	27 points
	2y3m-365d-cc-224d-3X	19079M	3.6%	685.5F	17 points
				Total—	44 points
PABST BURKE JULIA (G)	2y2m-305d-cc-204d-3X	16302M	3.8%	618.8F	24 points
	2y2m-358d-cc-257d-3X	17467M	3.9%	672.7F	15 points
				Total—	39 points
PABST ROAMER PRIDE JESSIE (G)	2y5m-305d-cc-161d-3X	15718M	3.8%	605.0F	22 points
	2y5m-365d-cc-221d-3X	17696M	3.9%	685.9F	17 points
				Total—	39 points
PABST BURKRIDE BLOOM (VG)	2y6m-305d-cc-174d-3X	15979M	4.0%	635.5F	22 points
	2y6m-365d-cc-234d-3X	17863M	4.0%	721.0F	17 points
				Total—	39 points
PABST BURKE LOU (GP)	2y2m-305d-cc-167d-3X	15839M	3.7%	593.8F	20 points
	2y2m-365d-cc-227d-3X	17852M	3.8%	676.9F	16 points
				Total—	36 points
PABST ROAMER DUCHESS (GP)	2y2m-305d-cc-161d-3X	14898M	4.0%	602.3F	22 points
	2y2m-365d-cc-221d-3X	16143M	4.1%	657.1F	13 points
				Total—	35 points
PABST ROAMER LUCY (GP)	2y4m-365d-3X	20687M	3.8%	788.5F	29 points
PABST BURKE DONNA (G)	4y0m-365d-cc-190d-3X	24170M	3.5%	857.5F	22 points
PABST BURKE BONNY SUE (GP)	2y1m-365d-3X	19163M	4.0%	766.5F	27 points
PABST ROABAR BELMONT EYEBRIGHT (VG)	2y2m-365d-3X	16883M	4.4%	741.1F	24 points
PABST BURKE TIDY FOBES (VG)	3y4m-365d-3X	22909M	3.7%	842.1F	27 points
PABST BURKE BELMONT TIDY (GP)	2y4m-365d-cc-203d-3X	19855M	3.7%	729.6F	22 points
PABST ROAMER JUDY (VG)	2y4m-365d-cc-174d-3X	20319M	3.5%	709.5F	20 points

PABST FARMS Inc., (acc. & neg.) Oconomowoc, Wis.

Our Breeding Program

Intensifying the Blood of Old Sir P. O. M. and 37th

In All of the Wisconsin State Institution Herds

Through the Use of Sons and Grandsons of Such Proven Sires As

WISCONSIN ADMIRAL BURKE LAD
WISCONSIN PINKY
SOWISCOL B B CREATOR
WIS CRUSADER PRIDE
MARATHON BESS BURKE 15th
SIR BESS ORMSBY FOBES 73rd
TRITOMIA PIETERTJE ORMSBY

Close line breeding with selection for type and production minimizes the gamble in the selection of a Herd Sire.

Wisconsin State Dept. of Public Welfare

W. W. Kinyon, Farm Supervisor **Madison, Wisconsin**

OOSTIE WINDSOR DORA (E.)

Oostie Windsor Dora

1st prize 4-year-old Waukesha, 1949
1st prize 3-year-old Waukesha, 1948
Classified Excellent as a 4-year-old.
(5th Excellent cow in our herd)

Roscoe Page of Unadilla Farms has recently selected a daughter of **Oostie Windsor Dora** to mate with his good "Sovereign" bull. The dam of the sire of Mr. Page's bull is **Oostie Princess Inka.**

Christoph Farms, Chilton, Wis., purchased the dam of Oostie Windsor Dora and are now completing their 4th successive record on her above 600 lbs. fat on 2X milking. They also purchased her granddam, also classified Excellent (at 13 years of age), still a great milker for them at 15 years old.

Oostie Windsor Dora's sire is out of the same cow (858 fat on 2X) as our Oostie Princess Inka (800.7 fat on 2X at 3y).

Oostie Princess Inka was eight years old on Oct. 29th, 1948 and her 6th calf (all her offspring are in our herd) was born on Jan. 24, 1949. We can now supply semen from two of Oostie Princess Inka's young sons:

OOSTIE PRIDE of the HOMESTEADS and OOSTIE LOCHINVAR HOMESTEAD

A Real Family To Tie To—

OOSTERHUIS FARMS Oconomowoc, Wis.

Let's GO to the . . .

Convention

"FOR WHAT IS SO RARE AS A DAY IN JUNE"

. . . month of brides, graduates, and Holstein breeders . . . glorious 30 days of green grass, warm sun and release from winter's gloom . . . time of new young plants and new ideas . . .
. . . AND the . . .

64th Annual Convention

of

The Holstein-Friesian Association of America

in

San Francisco, California

May 30 — June 2

Your California Centennial convention is FUN . . . a grand vacation with ladies' tour, new sights to see, the best in entertainment, travel, and the superlative vistas of the Rockies by the way!

Your convention is EDUCATIONAL . . . swapping ideas and farming practices with the top men in the industry, breeders like yourself, from Maine to California, Dakotas to the tip of Texas!

But most of all, your convention is IMPORTANT . . . to you and every Holstein breeder. It is the basic policy-making body of your association. Through your convention, your voice may be heard, solving YOUR problems, securing YOUR future!

TAKE ADVANTAGE OF THIS OPPORTUNITY FOR A GLORIOUS VACATION, A PROFITABLE BREEDER GET-TOGETHER AND THE CHANCE TO EXPRESS YOUR IDEAS BY ATTENDING YOUR CONVENTION IN CALIFORNIA! BE THERE!

For details, write . . .

Mrs. J. W. Taylor, Chairman
Reservation and Information Committee
Route 4, Box 590
Visalia, California

The Holstein-Friesian Ass'n of America

Brattleboro, Vermont

ALL

RAPID-FLO

FILTER DISKS

ARE *Fibre-Bonded*

Fibre-Bonding, an exclusive J & J process, makes Rapid-Flo safer, more reliable. No "washing", channelling or fibre-separation during filtration.

FOR SAFE FILTRATION IT'S

RAPID-FLO

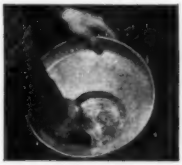
First Choice With MEN WHO KNOW

Men who depend on milk for income choose Rapid-Flo, 6 to 1 over any other brand. They know Rapid-Flo single service cotton filter disks are made from bale to box by Johnson & Johnson, world's largest maker of surgical dressings.

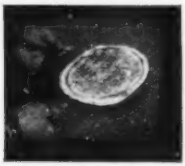
RAPID-FLO *Fibre-Bonded* FILTER DISKS

Safely remove sediment that may get into milk in spite of precautions. Provide a Reliable *Farm* Sediment Check-Up which shows the cause or kind of dirt getting into milk.

MILK SANITARIANS RECOMMEND THE *RAPID-FLO* FARM SEDIMENT CHECK-UP



1. At least once a week carefully remove used filter disk from strainer, after filtration, and place on cardboard to dry.



2. Examine dried used disk. Note the amount and kind of dirt that was filtered from milk. You then know what to do to correct or eliminate causes.

Make sure of Quality Milk Production—buy the right size and type of Rapid-Flo Fibre-Bonded Filter Disks for your strainer, from your dealer or milk plant.

DAIRY FILTERS DEPARTMENT · FILTER PRODUCTS DIVISION

Johnson & Johnson

4949 WEST 65TH STREET · CHICAGO 38, ILLINOIS

BO-CANN On the Honor List

16 RECORDS — 235 POINTS

Ranking 11th In the Nation

Following are a few of the Bo-Cann producers who made Honor List requirements in time for the 1948 Honor List:

Name	Age	Div.	Cl.	Milk	%	Fat	Pts.	Rank
Wisfob Julia Fobes Pride (GP)	3½y	365	3X	27602	3.3	912.5	31	2nd
Tootsie Mercedes Burke Fobes (GP)	3 y	365	3X	25798	3.5	891.9	33	2nd
Wisfob Heilo Ollie Good Luck (GP) ..	4 y	353	3X	26173	3.4	888.7	25	5th
Wisfob Heilo Ollie Good Luck (GP) .	4 y	305	3X	24567	3.3	821.6	32	1st
Daisy Vickery Fobes Posch (GP)	3½y	365	3X	20905	3.9	820.0	21	5th

We are rather proud that in this early stage of the development of our starting only a few years ago with a foundation of 100 selected heifer calves, that we rank among the top dozen Honor List herds and that our animals won a first and two second places on the 1948 Honor List.

We Offer Sons of PABST BURKE CREATOR from These Good Producing Dams.

BO-CANN FARMS

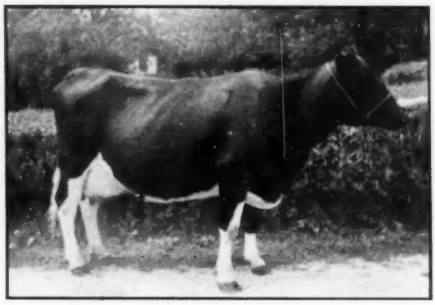
Fall River, Wisconsin

W. W. EVANS, Owner

HAROLD L. MILLER, Manager

GYPSIE SCORES 65 HONOR POINTS

In 305 Days
2nd Place
34 Points



In 365 Days
4th Place
31 Points

DU PAGE RIVER GYPSIE ORMSBY

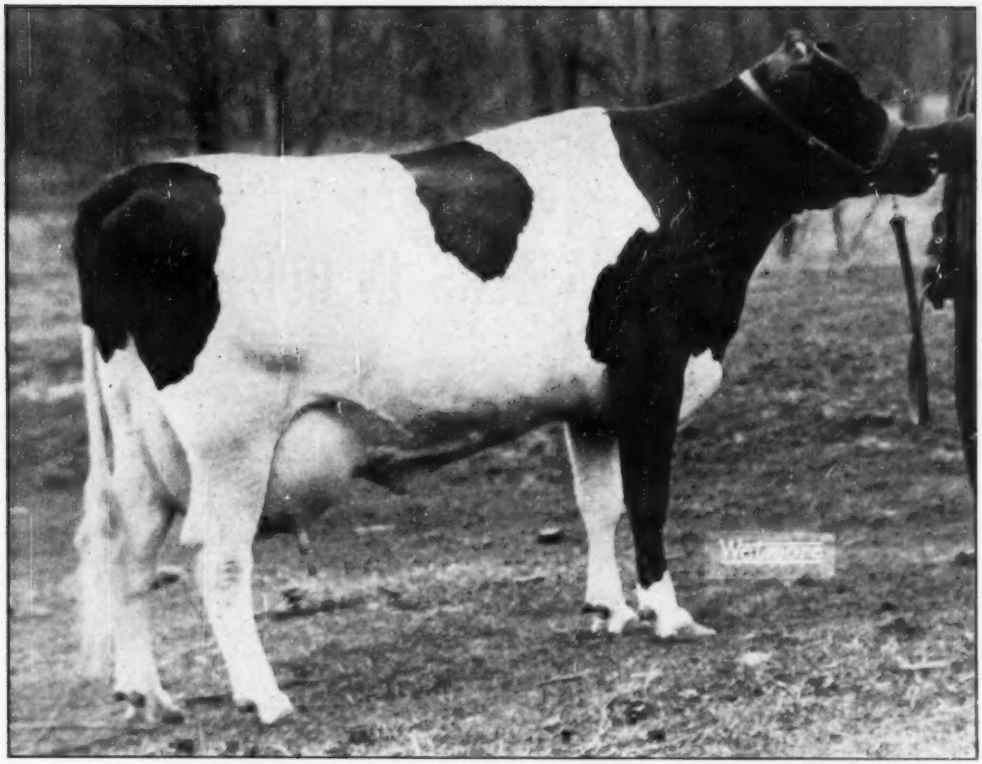
2y-4m-305d-cc-173d-3X 18058 M. 3.8% 686.4 F.—2nd place—34 points
2y-4m-365d-cc-233d-3X 21124 M. 3.8% 802.1 F.—4th place—31 points

We are proud of this heifer, one of our own breeding, and one of the very few junior two-year-olds of any breed ever to make over 800 lbs. fat in a year on 3X and qualify for the ten-months division.

Du Page River Farms

Route 1
Joliet, Illinois

(Located on Highway 66, one Mile North of Highway 52)



Another Promising Daughter of "Breeze"

ELMWOOD VIVIAN DELIGHT

"Delight" is owned by Elmwood Farms, Lake Forest, Ill., and was bred by George Kieffer, Auburndale, Wis. She is now running on AR test at Elmwood Farms as a junior 3-year-old on 3X milking. She dropped a fine heifer calf and is starting out milking over 80 lbs. a day with a 4.6% test. If you were at Waterloo in 1947 you may remember her — she was third prize senior yearling there that year.

If you are looking for a promising cross of "Burke" breeding you should consider PABST BURKE BREEZE. A penny post card to us will bring you full details about artificial service to "Breeze" for one or more of your best cows — or a flashy young "Breeze" son from one of our own AR foundation cows of intense Ormsby breeding. You can breed "Breeze" heifers like this lovely lady above!

The RAYULMN *Farms*

MANCHESTER, MICH.

Address Correspondence to:

R. P. ULLMANN, Owner, 5203 Loraine Ave., Detroit 8 — Tyler 6-5422 or Hogarth 4250

CHICAGO 13 ILLINOIS..

CURTISS CANDY COMPANY FARMS

PRESENT

THE WOODMASTERS IN OUR HERD

DUNLOGGIN PROUD MISTRESS
24300 Milk 1062 Fat 5 Yrs.
21194 Milk 897 Fat 4 Yrs. 1 Mo.
1 daughter in our herd.

DUNLOGGIN MISTRESS GRACE
23542 Milk 891 Fat 5 Yrs.
21989 Milk 846 Fat 3 Yrs. 11 Mo.
17682 Milk 709 Fat 2 Yrs. 7 Mo.
Dam of CURTISS CANDY DANDY GEORGE and granddam of CURTISS CANDY MASTERPIECE.
26 granddaughters in the CURTISS CANDY herd.

CURTISS CANDY PROUD SALLY
(Dunloggin Golden Cross - Dunloggin Proud Mistress).
20630 Milk 744 Fat 2 Yrs. 6 Mo., on retest averaging considerably over 100 pounds milk per day, 1st 4-Year-Old, Minnesota; 4th at Wisconsin and the Dairy Cattle Congress, 1948; 1 daughter in the herd by "MADCAP SUPREME" and she is a "honey"!

DUNLOGGIN GAY MISTRESS
17180 Milk 598 Fat 5 Yrs.
18165 Milk 619 Fat 5 Yrs.
1st Aged Cow, SENIOR AND GRAND CHAMPION, Illinois State Black and White Show, 1947; Winner of Best Udder Class, 1947; 2 daughters in our herd.

DUNLOGGIN MISTRESS ADEEN
24452 Milk 861 Fat 6 Yrs.
20364 Milk 699 Fat 3 Yrs. 11 Mo.
17253 Milk 617 Fat 2 Yrs. 7 Mo.
4 daughters in our herd.

The above four daughters of DUNLOGGIN WOODMASTER were purchased at the Dunloggin Dispersal. The granddaughter, CURTISS CANDY PROUD SALLY, was born during the trip from "DUNLOGGIN" to our farm. All these have proved outstanding brood cows, carrying the desirable dairy characteristics and the great persistency of production that we feel is so necessary in a dairy cow. We are using a son of Dunloggin Mistress Grace, CURTISS CANDY DANDY GEORGE, and a grandson of "Mistress Grace", CURTISS CANDY MASTERPIECE, in our herds as herd sires.

Although none of the daughters of these two sires are yet in milk, they show the excellent dairy character and promise that all the daughters of "WOODMASTER" have in our herd.

"PROUD SALLY" has a son by CURTISS CANDY MASTERPIECE, that should do an outstanding job in some herd. YES, he is for sale and we will be glad to tell you more about him.

LIVESTOCK DIVISION OFFICE: CARY, ILLINOIS—TELEPHONE: CARY 5411

The "DUNLOGGINS" OF OHIO

THESE LEADING BREEDERS ARE CARRYING ON THE BLOODLINES THAT MADE DUNLOGGIN FAMOUS

CONFIDENT MELODY MASTER, our grandson of "Adeen" and "Mistress Melody" now has sons available from high producing Ormsby, Carnation and Lochinvar dams. Also using outstanding young son of Raymondale Ideal Successor. Write for pedigrees, prices. Harry B. Rowland & Son, Wellington, O. (Rt. 3), and H. J. Ringler, Rochester, O.

THE BLOOD OF DUNLOGGIN LIVES ON Through Our Sires! "Woodsman" and "Romeo Var", both from 1000-lb. fat Woodmaster daughters, are siring GREAT offspring. Two other Woodmaster grandsons also in service. Let us help with your next sire selection. Some choice ones now available. Call or write us now. OTCO FARMS, Strongsville, Ohio. (Phone 6262).

We have some nice bull calves by Montvic Posch Lochinvar No. 1, from dams with records up to 803 fat on 2X. His daughters have the kind of udders we all want and are testing 4%. M. & F. Dellinger Co., Plain City, Ohio.

See a wonderful Dunloggin Footprint daughter in the OHIO STATE SALE at Wooster, May 4th and 5th! 585 lbs. fat and from a 568-lb. dam classified Very Good and still going strong at 14 years of age. Also selling a nice 2-yr.-old by Pond Gate Sir Dictator Model. Your opportunity! Don't miss it. H. D. ANDREAS & SONS, Beach City, Ohio.

DELWOOD FARMS—Where daughters and granddaughters of Woodmaster, Montvic Lochinvar, Fond Memory, Golden Cross, Sovereign, and Rear Admiral Ormsby Fobes are being mated to our jointly-owned herd sires, Osborndale Lochinvar, Lauxmaster and Dunloggin Wonder Var. For a future herd sire see us or write today. Don Phillips, Damascus, Ohio.

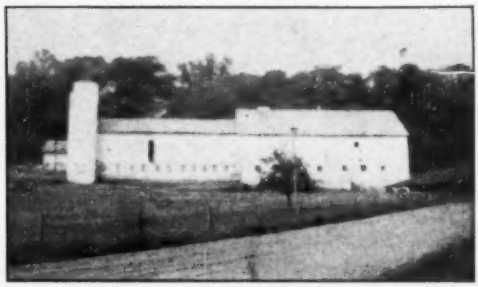
APPLE CREEK DUNLOGGINS—Dunloggin Designer calves now due (he is full brother to Overbrook's famous "Design"). Dams are of Footprint, Reprint and Lauxmaster breeding. D. F. Geiser, J. F. Geiser, C. W. Emerson and R. R. Dodez, owners. For breeding stock or artificial service phone Dr. V. W. Zuercher, Apple Creek, Ohio (20R-4; Kidron), or write any of the owners.

CAROLDALE—Home of Dunloggin Ormsby Master Sylvia, our Woodmaster son; and joint owners of Lauxmaster and Osborndale Lochinvar. We have sons available by these three sires! They are out of daughters of Rear Admiral Ormsby Fobes, and our son of Woodmaster. C. T. Shreve, Damascus, Ohio. (Elgie Boyle, Herdsman).

A choice son of Dunloggin Darkmaster for sale. Full sister has 664.9 fat on 2X at 2y 3m. Also several fine type bulls from "Darkmaster" daughters by our "Sovereign" bull. Templeogue Farms, Douglas Hawk & Sons, Hudson, Ohio.

"THE BARN"

It's not the finest nor the most-modern barn, but it has sheltered a lot of fine Holsteins, of the breed's top bloodlines for type and production.



Here are some of the individual animals:

Fleetwings Betsy—885 lbs. fat, 25090 lbs. milk, 3X at 2½y, a world record for milk.
Lavada Posch—919 lbs. fat, 26444 lbs. milk, 4X at 3y, second on the Honor List in the U. S. when made.
Laine Sylvius Maid—935 lbs. fat, 25762 lbs. milk, 4X at 3y, third on the Honor List when made.
Marathon Posch Pauline—3 consecutive records over 620 lbs. fat on 2X.
Marathon Nell—621 lbs. fat, 17321 lbs. milk on 2X.
Fobes Posch Wayne—624 lbs. fat on 2X, and dam of Marathon Posch Wayne, high index sire now in the Central Ohio Breeding Ass'n.
Beauty Posch Lottie—At 11 years, 568 fat, 18060 milk, 2X.
Darky Ormsby Crentor—At 9 years, 611 lbs. milk, milking up to 100 lbs. a day on 2X.

Here are some of the great sires used here:

Dunloggin Marathon Segis—¾ brother to "Mistress Queen".
Dunloggin Footprint—Full brother to Dunloggin Mistress Della, 994 fat, 3X.
Dunloggin Reprint—Son of "Mistress Della."
Pond Gate Sir Dictator Model—Son of Miss Pride Model Lass, an Honor List producer and dam of the $10,000 "Dark Dawn" heifer and of Lillian Pride Sunbeam, a World champion class leader.
Fleetwings Abegweit Pride—Paternal brother to Fleetwings Betsy.

They will be followed by **Fleetwings Andreas Dunloggin,** son of "Betsy" by Confideen Melody Master whose 50 nearest dams average 836 lbs. fat and 23290 lbs. milk and uniting the best bloodlines of the Dunloggin herd.

T B and Bang's Accredited.

H. D. ANDREAS & SON
BEACH CITY, OHIO

LARWOOD FARM—Joint owner of Lauxmaster, Osborndale Lochinvar and Dunloggin Ormsby Master Sylvia. Sons available by these three sires from dams that made a herd average last year of 3.9% test! Glenn Shreve, Owner, Damascus, Ohio.

MEADOW SPRINGS FARM—Home of Dunloggin Follow On; joint owner of Osborndale Lochinvar, Lauxmaster and Dunloggin Wonder Var. Offering 3 marvelous calves, ET 172, 184, 186, all from dams above 4% test and 600 lbs. fat. Write F. C. Baughman (Spring-Holzwarth) Alliance, Ohio.

WEAVERDALE FARM, Louisville, Ohio—Ask us about sons of Otco Ro-Var Admiral, our son of "Romeo Var" from "Lucinda". Several choice ones for sale from "Follow On". Lauxmaster and "Victor" dams. Full details on request. Paul Burdick, Mgr.

Rock County Herd Sires

1. ROCK VALLEY CREATOR BELMONT 916957

A double grandson of Pabst Sir Belmont Prince 748396 (GM), who won his Gold Medal right here at Rock County Farm.

His dam has 567.3 lbs. fat with 4.29% test, 2X, at 3½ yrs., DHIA, and is classified Very Good.

2. ST CROIXCO BELMONT COLANTHUS 939603

A son of Pabst Sir Belmont Colanthus, well-proven half-brother to our former herd sire, Pabst Sir Belmont Prince (GM).

His dam is an 833-lb. daughter of Sir Pansy Bess Burke, another well-proven sire at Saint Croix County Asylum.

Being Mated with Daughters of Our Former Herd Sires

PABST SIR BELMONT PRINCE

A Gold Medal Proven Sire himself and son of the Gold Medal Sire, Pabst Creator Belmont, from a V.G. 613-lb. daughter of Carnation Sensation.

PABST BURKE CASCADER

A son of the Gold Medal Sire, Wisconsin Admiral Burke Lad, from a 719-lb. V.G. daughter of Carnation Sensation, also a Gold Medal Proven Sire.

Generations of Gold Medal Proven Breeding

OUR FIRST CLASSIFICATION SCORE—83.9

Five Consecutive Herd Test Averages from 413 to 458 Lbs. Fat, All on 2X

ROCK COUNTY ASYLUM & HOME

ALBERT G. STEINBORN, Supt. **Janesville, Wisconsin** **LOREN BREWER, Herdsman**

THE MICHIGAN STATE HERDS

on the

HONOR LIST FOR 1948

Institution	No. Records	No. Points
STATE PRISON OF SOUTHERN MICHIGAN, Jackson	23	286
MICHIGAN REFORMATORY, Ionia	4	66
STATE HOUSE OF CORRECTION & BR. PRISON, Marquette	5	50
IONIA STATE HOSPITAL, Ionia	3	12
Total—	35	414

All of our purebred Holstein herds are on Herd Test and last year made an average as follows:

13 Institutions—1002 Head 3X-2X ..... 12722 M. 3.5% 440.4 F.

In four of these institutions: Jackson, Reformatory, Marquette and Ionia, we also run selected individuals on AR test, with results on the Honor List for the year as given above. We believe in both forms of testing where conditions make them possible and we try to set a good example to the breeders in our state by operating on approved principles of good herd management as far as we are able to do so.

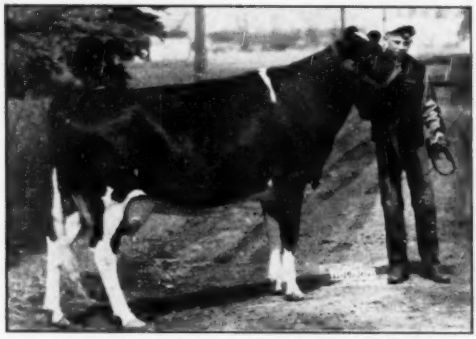
The Michigan State Herds

A. B. CLARK, Coordinator, Bureau of Institutional Farms, Dept. of Agr., Lansing, Mich.

★ "Mardot's" Son TO THE

Minnesota State Sale—

OWATONNA — MAY 23



MARDOT AAGGIE DUNLOGGIN BEAUTY
Fat 365d 2y 657.4
Milk 3.7% X 17641.0
Minnesota State Champion Junior Two-Year-Old on 2X.

"MARDOT" IS STATE CHAMPION JR. TWO-YEAR-OLD ON 2X BOTH AR AND HIR.

HER SON'S NAME IS GILKEY BANNER DEWEY.

HE WAS BORN LAST SEPTEMBER, A SHOW PROSPECT, MARKED LIKE HIS DAM.

HE IS ALL ORMSBY BRED.

Her son is sired by **Pabst Burke Banner** (right) the $3,000 son of Burke out of the 821-lb., 3.9% Ponderosa Bonnie Ormsby. His daughters are now in their first lactations and producing sensationally.

WE ARE SURE THIS YOUNGSTER COULD HEAD ONE OF THE BEST HERDS IN THE COUNTRY AND DO A CREDITABLE JOB.

PABST BURKE BANNER
Sire of the calf selling and full brother to Pabst Bonnie Burke—($5400).

And This Beautiful "Ambassador" Daughter

GILKEY AMBASSADOR DELLA

HER RECORD

At 3 Yrs. — in 287 Days 2x 3.5% 432 Fat

She is starting out to make a wonderful record this time. She is one of the best daughters of **Carnation Madcap Ambassador** whose daughters were listed in our ad in the April 2nd "WORLD". They include "Patsy" the state champion senior two-year-old on 2X for both 305 and 365 days.

And "Della" sells with her baby son sired by **Carnation Invader,** our son of **"Black Magic"** from the **Hazelwood** family, his 7 nearest dams average 920 of fat, 3.8%.

CARNATION MADCAP AMBASSADOR
One of his best daughters selling—he is a son of Carnation Governor Imperial from the 1209-lb. "Madcap". One daughter Minn. state champion.

WE FEEL THIS IS THE BEST CONSIGNMENT EVER SENT TO A STATE SALE FROM GILKEY FARMS—**BE SURE TO SEE THEM AT OWATONNA ON MAY 23RD.**

Gilkey Farms

OWATONNA, MINNESOTA

Leonard W. Gabbert
Owner

The Rondout Co-operative Bull Ass'n, Inc.

Phone: Kerhonkson 3794 **Accord, N. Y.**

Scores Again

With a Bright New Star in the American Bull Sky:

Sir Bellmaster Design

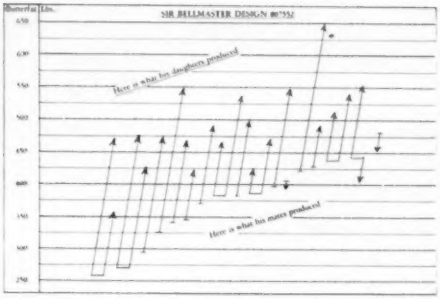
You will hear more about this great proven son of Dunloggin Design in future issues of the Holstein-Friesian World.

In the meantime:

HERE is the picture of his transmitting power based upon

HIS PROVING as calculated by Cornell University (ME-2X-305d):

24 Dtrs Avg.	13609 M.	3.6%	486 F.
23 Dtrs Avg.	13498 M.	3.6%	483 F.
23 Dams avg.	11250 M.	3.3%	372 F.
Increase:	2248 M.	.3%	111 F.
Index:	15746 M.	3.9%	594 F.



General Rag Apple Posch

salutes his worthy new stable mate and entrusts to him with full confidence his many beautiful daughters — to perpetuate the glory of the Holstein breed:

Ever Higher Milk and Butterfat Production

Artificial Service Available

CONCEPTION GUARANTEED

Write for Information and Conditions.

Thanks to Mr. Chris Nielson for his kind wishes and expressions. Thanks also to Mr. Fred Barger, the able farm manager of Crawford Farms. Mr. Barger recognized the qualities of Sir Bellmaster Design before it was too late. He saved the bull from the fate of so many valuable sires who are dead before their value is known. Because of his foresight, Sir Bellmaster Design can now transmit his great dairy qualities to many more daughters — as beautiful as the 52 he leaves behind at Crawford Farms.

Members of the Rondout Coop. Bull Association:

Wm. Anderson, Accord—Vernon A. Barnhart, Stone Ridge—Millard Davis, Kerhonkson—Herman Dunn, Kerhonkson—Foordmore Farms, Kerhonkson—Franklin Kelder, Accord—S. Robert Kelder, Stone Ridge—Albert S. Myers, Kerhonkson—John L. Schoonmaker, Accord—Albert Traver, Accord. Stefan Taussig, Manager, Accord, N. Y.

Registered Holstein Cattle Tel. Millbrook 797

CRAWFORD FARMS

Millbrook, New York

Mr. Stefan Taussig, Mgr.
The Rondout Coop. Bull Ass'n
Accord, N. Y.

Dear Mr. Taussig:

Dairy farming is just a hobby of mine. Operating tugboats is my business. If tugboats had the habit of breeding and reproducing, I would be willing to pay a tremendous price for a male tugboat capable of procreating bigger, better and more efficiently operating baby tugboats.

Tugboats, unfortunately, can't do what cattle can. SIR BELLMASTER DESIGN, while apparently having just a little fun, has built for me a battery of milk-producing machines, far superior to what could have been expected of the raw material, from which they are derived.

Thus, I sincerely hope that the $10,000 for the bull will be repaid to you many times in terms of more milk and butterfat for the members of your association and through the service of your organization for many dairymen throughout the country.

Very sincerely,

CHRIS NIELSON

Last Call---

23rd ANNUAL CONSIGNMENT SALE
FREDERICK COUNTY HOLSTEIN ASS'N

Frederick Fair Grounds—Frederick, Maryland

WEDNESDAY — MAY 18 — 1949 Starting Promptly 11 A. M. (EST)

82 REGISTERED HOLSTEINS

DUNLOGGIN WOODMASTER (GM)

15 GREAT YOUNG COWS OF THE BEST BLOOD LINES INCLUDING THE FIRST COW CLASSIFIED EXCELLENT EVER TO BE SOLD IN A MARYLAND SALE.

WOODMASTERS

The Dunloggins of Maryland have been in strong demand for many of the larger consignment sales in different parts of the country. This is the sale to attend to look at lots of them and make your selections.

Sixty-one animals in this sale trace to Dunloggin Woodmaster.

See page 91 — April 16 issue of the WORLD for details and list of consignors.

Sale headquarters: Francis Scott Key Hotel, Frederick, Md.

CATALOGS NOW READY — WRITE,

J. HOMER REMSBURG, Sec. & Ch. Sale Com. — Middletown, Md.

So You Have "Nothing to Sell"—

When we ask a breeder for an advertising contract and he refuses because he has "nothing to sell," he becomes one of our best prospective advertisers! Why? Because his friends and neighbors must like him and his cattle or they wouldn't have purchased all his bull calves.

This fellow, in all likelihood, actually has more to sell than most anyone else: Good Type — Good Production Records — Good Transmitting Herd Sires — Good Cow Families.

He will not have any more bull calves in a year, whether he advertises or not, and he may not sell any more; but he'll sell his year's calf crop through advertising for a lot more money than he can possibly sell them for without advertising. And all the time he'll be building up the sale value of his entire herd (and someday, sooner or later, he'll want to sell that!).

How about YOU? Are you all sold out? If you are, the chances are you should be advertising regularly in your breed paper.

We'll be happy to send you a rate card and assist you with copy preparation. Why not send for information today?

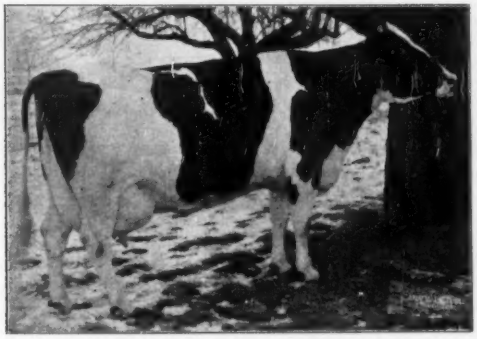
Holstein-Friesian World

LACONA, NEW YORK

HAYS RAG APPLE CLIMAX

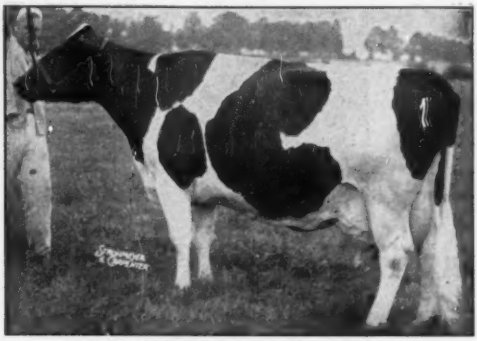
HIS TWO NEAREST DAMS ARE BOTH "EXCELLENT" AND BOTH ARE CHAMPION FAT PRODUCERS.

— HIS DAM —



ALCARTRA GERBEN (*Ex.)
"Queen of the Dairy World"
5y 365d 4X 24745 M 5.08% 1400 F.
4y 365d 3X 23332 M 3.72% 868 F.
Dam of Gerben Alcartra Wayne (VG) 305d 4X 3y Canadian Champion.

— HIS SIRE'S DAM —



MONTVIC HIEMKE RAG APPLE PATSY (*Ex.)
All-Canadian 4-year-old, 1943.
4y 365d 3X 24406 M 4.75% 1163 F.
North American record for age, 3X. Two sons have sold in public sale for $15,200 and $20,000; a 949-lb., 4.17%, 3X daughter.

HIS ARTIFICIAL SERVICE AVAILABLE AT $150
F. O. B. Cortland, N. Y.

Address Inquiries to: FRED VAN SCHAICK, Secretary, Cortland, N. Y. Phone 1342 W.

Cortland Holstein Bull Association, Inc.

W. W. BURTIS, President **CLARENCE HARVEY, Vice-President** **FRANK WAVLE, Treasurer**

THE WAIT FARMS

HERD SIRES

Senior Herd Sires

DUNLOGGIN ALL-VAR—Son of Montvic Lochinvar himself and from Dunloggin Mistress Papoose, 684-lb. third highest female in the Dunloggin Dispersal and dam of the famed Dunloggin Duke.

WEBER BURKE PEPPER—Son of Wisconsin Admiral Burke Lad (V.G.-G.M.) and from the 4% Very Good Weber Pinky June, daughters of the Excellent Wisconsin Pinky. This is the combination that clicked so well in Utah.

Junior Herd Sires

W F ALL-VAR KING PIN

Son of Dunloggin All-Var from the 807.4-lb. Beaufort Belle Abbekerk (Excellent).

HARDEN FARMS DEEN FOUR

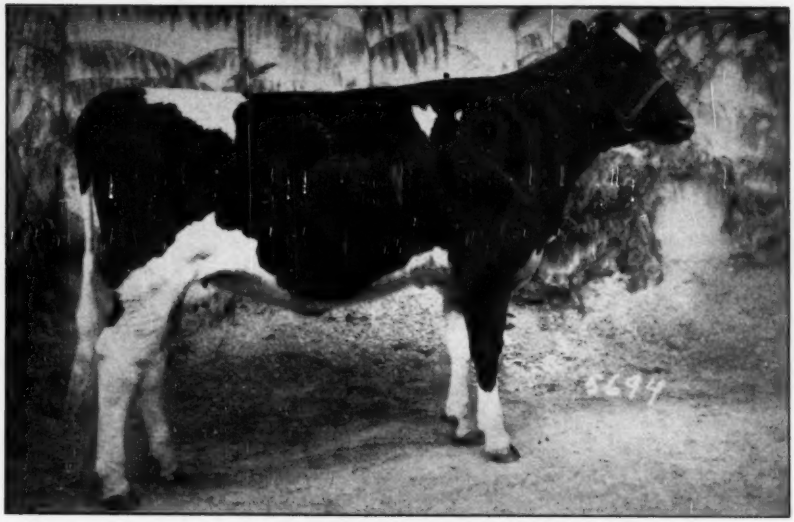
Son of Harden Farms sire that is fast gaining in fame and popularity—Dunloggin Deen Var. His dam is a Wait Farms brood cow with over 100,000 milk.

JONABELL PILATE

A young bull from Jonabell—representing a lifetime's work on the part of John A. Bell, Jr. Pilate's grandsire is Dunloggin Deubler and his dam, Jonabell Diana, is one of the nicest individuals in the Jonabell herd.

THE WAIT FARMS

J. REYNOLDS WAIT, Owner **77 Genesee Street,** **Auburn, New York**



CARNATION PRINCESS SKYLARK

Carnation Consigns 3 Marvelous Foundation Heifers To the Golden West National Convention Sale

(Cow Palace, San Francisco, California — June 2)

CARNATION has never consigned 3 more outstanding animals to a public sale, than the three to be sold June 2 at San Francisco.

(1) The daughter of Carnation Revelation, pictured above, is one of these. An outstanding show heifer (sired by a great show bull whose get went through the 1948 show season without a single defeat,) she is from a high testing, high producing daughter of All-American Carnation Renown, that is from a 1245-lb. fat producing, 4.4% testing member of the All-American Get of Governor of Carnation. Carnation Princess Skylark was born Nov. 2, 1947, and was bred March 28th to Hallrose Progressor.

(2) The second heifer consigned is Carnation Violet Fayne, a daughter of Carnation Imperial Madcap Lad out of a 962-lb. fat producing daughter of a 1068-lb. cow. She was born March 4, 1948, is a wonderful individual, and her older maternal sister is a reserve All-American. The dam's two granddams are a 934-lb. fat producing junior 2-year-old and an 1198-lb. fat producing 4-year-old, both world records for age when made.

(3) The third heifer consigned, Carnation Tilda Bessie Walker, is a daughter of Black Magic out of a 1000-lb. daughter of an 849-lb. 4-year-old daughter of a 1079-lb. cow. This heifer, born January 15, 1947, is due to Carnation Homestead Revelation, July 9, 1949. She is a beautiful individual, backed by several generations of great producing show animals.

Sired by three of Carnation's most popular herd sires, and out of the greatest families Carnation has produced, the buyer of any one or all these heifers can secure the benefits of nearly 40 years of selective breeding.

Send At Once For Full Details.

Carnation Milk Farms

Address:
CARNATION MILK FARMS,
104a Stuart Building,
Seattle 1, Washington

Holstein-Friesian World

May 7, 1949 ★ The Newspaper of the Breed ★

ANNUAL REPORT OF EXECUTIVE SECRETARY SHOWS . . . . .

A Banner Year for the Association

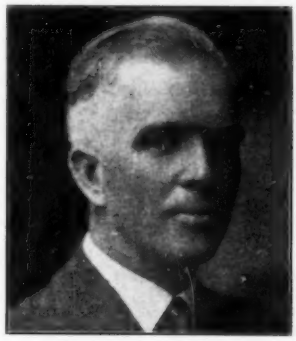
To the Board of Directors and Members of the Holstein-Friesian Association of America:

It is a privilege to report the activities of our Association during 1948 as it has been a banner year for the organization in many ways. We built up our office force to full capacity. We improved many of our methods and as a result we are getting more units of work per employee and greater efficiency. We reestablished our systems of checking and verifying to bring back prewar standards of accuracy in our work. We cut down much of the accumulated backlog of work and at the close of the year were in better position than at any time since the beginning of the war. Our Extension Service was operating effectively throughout the country, with complete coverage except in five of the southern states. The office survey, begun in 1947, was completed and brought many improvements to our office procedures. Changes in established office routine are difficult and reduce the flow of work temporarily until the employees become familiar with the new system. All credit for the success in effecting these changes and for the improved status of our work program should be given to our staff of loyal, earnest employees, from department heads to individual workers. Their cooperation has been the best, their efforts have been untiring, and they have done an excellent job.

H. W. NORTON, JR.,
Respectfully submitted,
Executive Secretary

Report of Executive Secretary

The year 1948 was one of the greatest if not the greatest year in the history of our organization. It was a year of progress and achievement and we are more than pleased with the results attained. From the beginning of the war, we suffered from all the troubles that bothered every business operating without priorities—shortage of help, rapid turnover of help, and difficulty in obtaining supplies and equipment of all sorts. At the same time demands from our members for service in all departments increased steadily each year and we fell badly behind in all of our programs. Now we are glad to report that we were current, or very nearly current, in all lines at the close of the year—in fact in the best position by far since 1941. There are two principal reasons for this improvement: more help and better methods. The help situation has improved considerably, both in supply and stability, and the office staff has been built up to full capacity. The office survey, which was completed last May, introduced many changes in our office methods, tending to further streamline operations and increase our efficiency since they became effective at mid-year. At first these changes slowed our operations as it took time for the office force to become fully acquainted with the new methods, and it appeared to some that the old way was best; but steady progress was made and the output increased very satisfactorily. We are now operating at full capacity and are badly crowded for space in all departments but should be able to keep abreast of the work at current levels. If the upward trend in our business continues, we will be badly taxed to handle it without further expansion of our office facilities.



H. W. NORTON, JR.
Executive Secretary

Reorganization

The reorganization of the management structure, recommended by Barrington Associates of New York, who conducted the office survey, and approved and adopted by the delegates at the 1948 convention, was completed. Under the new plan the Executive Secretary has full control of management of Association affairs, subject to instruction of the Board of Directors and the various committees of the Board. The Executive Secretary has an assistant, Mr. Robert H. Rumler, who joined the organization October 1, 1948. There are five principal divisions of the office as reorganized:

Extension Service Department. Directed by Mr. Glen M. Householder, assisted in the advertising and publicity work by Mr. Ben Brown.

Registry Department. Registrations, transfers, and Herd-Book in charge of Mr. Keith Watkin, assisted by Mr. Robert M. Stebbins.

Office Management. Including personnel, purchasing, maintenance, etc., under Mr. A. H. Winchester.

Advanced Registry. In charge of Mr. Leo R. Blanding, assisted by Mrs. Lillian Desch.

Accounting. Under supervision of Mr. Sedley F. Dunlap as Chief Accountant for the organization.

Duties of the department heads are set forth clearly under this new plan and responsibilities are better divided and more definite than before, and we trust operations will continue to improve with experience.

Membership

New members admitted during the year totaled 1348, representing 41 states and the territory of Puerto Rico. Our membership at the close of the year had reached a new high figure for all time, with 38,813 members as of December 31, 1948—a net gain of 937 during the year after accounting for deaths of individual life members, dissolution of partnerships, withdrawals, etc. The deaths of 300 members, five of whom joined the Association before the close of the past century, were reported during the year and death took a heavy toll of members who had been prominent in Association affairs and management, claiming five men who had served as directors:

Director G. Howard Clapp Oconomowoc, Wisconsin joined the Association in 1944 and was elected to the Board at the annual meeting at Kansas City in June 1948. His death occurred three weeks later, June 21, at his home at Pabst Farms.

John Wuethrich, Greenwood, Wisconsin joined the Association in 1917 and was elected a director in 1941 and served until 1948, when he resigned because of the serious condition of his health. His death came October 12, 1948.

Thomas E. Elder, Alton, New Hampshire became a member of the Association in 1916. He served continu-

MEMBERSHIP BY STATES

The membership count, as of December 31, 1948, was given on page 27 of the Feb. 5, 1949 WORLD. New members for the year totalled 1,348. Leading states were New York 246; Pennsylvania 161; Wisconsin 147; Ohio 116; Michigan 107.

REGISTRATIONS BY STATES

	1942	1943	1944	1945	1946	1947	1948
Alabama	91	95	58	32	28	72	38
Arizona	312	316	247	281	390	270	297
Arkansas	19	21	45	28	87	205	82
California	2,036	2,419	2,934	2,076	3,785	3,411	4,152
Colorado	465	555	571	604	1,011	689	704
Connecticut	572	616	639	723	1,158	1,293	1,371
Delaware	258	273	225	241	431	398	577
District of Columbia	152	180	315	179	325	285	310
Florida	22	2	10	1	4	2	7
Georgia	42	25	37	27	61	57	94
Idaho	328	858	1,041	961	1,487	1,169	1,412
Illinois	6,870	6,918	7,599	7,617	10,328	8,622	9,741
Indiana	2,256	2,254	3,095	2,749	4,589	3,968	4,509
Iowa	5,065	4,790	5,114	4,599	6,854	5,732	6,595
Kansas	1,480	1,679	1,669	1,597	2,670	2,256	2,562
Kentucky	441	345	549	411	720	633	837
Louisiana	183	135	146	90	196	144	166
Maine	547	827	889	857	1,420	1,058	1,436
Maryland	1,610	1,873	2,069	1,769	2,582	2,363	2,822
Massachusetts	997	1,100	1,363	1,216	1,947	1,857	1,809
Michigan	5,890	7,640	8,347	8,280	12,062	10,766	11,485
Minnesota	6,372	6,481	7,227	6,320	9,063	8,155	8,105
Mississippi	53	42	73	28	47	34	40
Missouri	1,027	866	1,190	1,015	1,427	1,397	1,447
Montana	256	342	316	133	391	250	215
Nebraska	971	887	889	718	1,076	861	964
Nevada	76	89	133	107	102	83	121
New Hampshire	895	1,004	1,111	1,035	1,479	1,307	1,444
New Jersey	1,169	1,309	1,378	1,436	1,930	1,854	2,275
New Mexico	84	100	104	47	167	160	197
New York	22,161	23,691	24,807	23,289	34,128	32,553	34,167
North Carolina	365	346	481	387	561	584	694
North Dakota	429	397	378	312	595	391	575
Ohio	7,731	7,234	8,143	8,218	13,627	12,689	14,273
Oklahoma	343	390	432	384	593	711	828
Oregon	349	386	430	333	631	559	696
Pennsylvania	10,463	11,164	12,543	12,142	16,797	15,435	18,580
Rhode Island	71	117	128	157	219	217	225
South Caroline	162	146	183	176	242	190	213
South Dakota	524	487	452	400	618	500	547
Tennessee	91	114	137	91	180	225	237
Texas	261	318	435	349	482	449	399
Utah	690	614	779	627	971	860	1,132
Vermont	1,374	1,372	1,245	1,389	1,768	1,660	1,683
Virginia	1,179	1,211	1,471	1,228	1,964	1,887	2,121
Washington	1,518	1,735	1,515	1,490	2,216	1,915	2,218
West Virginia	248	147	229	159	447	397	433
Wisconsin	16,951	17,128	19,488	16,937	25,143	21,756	23,154
Wyoming	127	113	126	111	194	123	265
Foreign	508	45	125	90	144	117	90

TRANSFERS BY STATES

	1942	1943	1944	1945	1946	1947	1948	New Buyers During 1948
Alabama	18	46	30	23	47	20	29	11
Arizona	178	136	184	166	216	334	225	55
Arkansas	7	10	25	11	27	30	43	31
California	1,293	1,480	1,886	1,612	2,561	1,817	2,555	542
Colorado	355	369	452	451	589	564	522	167
Connecticut	259	303	395	476	589	729	925	172
Delaware	145	140	143	205	271	219	377	124
District of Columbia	89	96	74	53	83	68	82	2
Florida	2		10	1	6	3	4	11
Georgia	10	17	12	9	23	21	32	30
Idaho	536	690	801	757	1,055	756	1,014	365
Illinois	4,300	4,511	4,914	5,245	7,137	5,767	6,789	1,645
Indiana	1,581	1,687	2,075	2,028	3,533	3,002	3,218	1,120
Iowa	3,254	2,928	3,288	2,874	4,650	3,518	4,436	1,347
Kansas	1,054	1,257	994	1,211	1,856	1,817	1,950	605
Kentucky	252	254	327	216	367	410	408	243
Louisiana	62	86	53	86	82	29	158	49
Maine	276	398	522	541	827	580	810	210
Maryland	866	1,448	1,386	1,336	1,713	1,414	1,821	420
Massachusetts	442	688	666	767	1,052	1,231	980	188
Michigan	4,175	4,885	5,178	6,244	8,168	7,789	8,253	2,032
Minnesota	4,008	3,793	4,256	4,169	6,417	5,267	5,457	1,578
Mississippi	20	25	19	13	27	38	17	27
Missouri	522	437	554	740	927	878	942	351
Montana	168	304	322	123	292	163	161	62
Nebraska	1,054	703	487	618	713	437	606	250
Nevada	55	63	45	73	161	40	69	23
New Hampshire	575	689	786	604	911	723	1,076	180
New Jersey	574	655	818	854	1,150	944	1,365	235
New Mexico	57	42	50	24	52	49	81	41
New York	13,314	16,822	17,397	17,172	25,401	23,470	23,786	3,656
North Carolina	225	286	456	394	368	383	432	169
North Dakota	297	225	243	243	291	183	461	176
Ohio	5,623	5,420	5,937	6,194	10,112	9,473	11,167	2,409
Oklahoma	169	204	253	300	523	490	615	296
Oregon	164	361	231	213	363	392	452	131
Pennsylvania	6,614	7,668	8,524	8,098	11,858	9,519	11,665	2,437
Rhode Island	11	38	51	41	59	75	98	24
South Carolina	35	176	76	123	96	69	68	38
South Dakota	273	319	287	183	455	269	316	108
Tennessee	47	71	185	92	171	112	132	68
Texas	136	222	219	306	424	518	242	114
Utah	388	414	454	468	804	587	820	251
Vermont	621	704	919	1,022	1,204	1,034	1,286	238
Virginia	688	699	632	607	905	709	956	240
Washington	929	1,038	1,125	876	2,255	1,548	1,618	339
West Virginia	137	109	95	91	377	295	210	116
Wisconsin	9,799	10,523	11,387	10,259	14,974	12,976	14,145	3,132
Wyoming	139	78	45	68	107	81	69	41
Foreign	11	7	16	24	36	32	14	71
Totals	65,807	73,574	79,285	78,304	116,285	100,873	112,957	26,171

ously on the Board of Directors for a period of 20 years—1921-1941. He was an official inspector in the Herd Classification program from its inception in 1929 until his death, which occurred September 8, 1948 at the Essex County Hospital, Cedar Grove, New Jersey, where he was classifying the herd.

Paul P. Stewart, Oelwein, Iowa, joined the Association in 1910 and served on the Board of Directors for 12 years —1935-1947. During the last eight years of his directorship he was a member of the Executive Committee. Death came at his home on February 6, 1948.

Martin D. Buth, Comstock Park, Michigan became a member in 1920 and served on the Board of Directors for 18 years from 1928 to 1946, and on the Executive Committee during the last 11 years of his directorship. His death occurred October 26, 1948, shortly after he had returned from a trip to his boyhood home in Holland.

Let us all pay silent tribute to these five who gave much of their time and energy to the affairs of this Association, and to all others who were taken from our membership roll by death during the past year.

Registry Department

Registrations during 1948 totaled 168,338 as compared with 152,739 for 1947—a gain of 15,599 or 10.2%. Male registrations represented 21.1% of all registrations during the year, about the same proportion as in the previous year, and totaled 35,576. Fees earned for all registrations during the year amounted to $386,710, an average of $2.30 per registry certificate issued. Penalty fees were paid on 62,069 registrations, or 36.9% of the year's total, because of failure to file within six months of date of birth of the calf. Members did better than non-members in this respect as they paid penalty fees on 35.9% of applications filed while non-members paid penalties on 40.8% of their applications. The 168,338 animals registered during 1948 included 35,576 males and 132,762 females. These additions during the year brought the grand total of animals registered in our Herd Book to 4,047,640 at December 31, 1948, including 1,050,909 males and 2,996,731 females.

Transfers

Transfers issued during 1948 totaled 112,957 against 100,873 for the previous year—a gain of 12,084 or 12%. Transfers of bulls totaled 31,651 or 28% of all transfers recorded during the year. Fees earned from transfers of ownership totaled $268,458, an average of $2.37 per transfer issued. Penalty fees were paid on 22,401 transfers or 19.8% of all transfers issued because of failure to file applications within three months of sale date. Members paid penalties on 18.5% of their transfers, while 25.6% of non-member transfers required penalty fees.

Herd-Books

Five volumes of the Herd-Book were completed and published during the year. Volumes 100 to 104 inclusive. These five volumes included pedigrees of 215,000 animals and entries for six more volumes

were on hand at the end of the year. The current rate of registration furnishes material for four Herd-Books each year and there is plenty of work ahead in this line in spite of the excellent progress made with the production of five volumes during 1948.

New Buyers

New buyers, whose names had not previously appeared on our records, totaled 26,171 and accounted for purchases of 12,640 males and 25,705 females during 1948. The number of new buyers exceeded the previous year by 4,879, or 23%, and represented all of the 48 states and many foreign countries.

Imports

Importations were confined to Canada as in previous years but the total number brought across the line from our neighbor on the north showed a sharp increase over the past two years, with a total of 27,389 animals imported during 1948. Of this number 4,361 were males and 23,028 were females. It is interesting to note that the 27,389 cattle imported from Canada during 1948 represented slightly more than half of Canadian registrations for the year, which totaled 54,702 head. Thus, the United States bought half of their output for the year—a great market for Canada. During the year we re-registered in our Herd-Books a total of 10,193 animals imported from Canada, or less than 40% of total importations. This is about the same proportion as in previous years and shows that a large number of these imported animals are commercial cattle not imported for breeding purposes. This is notably clear with bulls as only 374 of the 4,361 imported, or 8.5%, were re-registered in our Herd-Books.

Foreign Buyers

There has been a marked drop in our export business during the year due to the dollar shortage in most of the countries that have been interested in our cattle. Our South American activities which were set up in early 1946 and carried on rather extensively through 1947 were curtailed very materially during the first half of 1948, and largely discontinued before the close of the year. The Foreign Relations Department was merged with Extension Service and employment of our Export Adviser was terminated. Our foreign relations activities will be continued on a limited scale through our Extension Service and prospective buyers will be taken care of to the best of our ability, but it is often difficult for the fieldmen to take these buyers out to look for cattle because their regular schedules for fieldwork are already overcrowded. Exports were made during the year to 22 foreign countries, with the largest number of animals going to Cuba, Puerto Rico, Ecuador, Venezuela, and Brazil in the order named. Total shipments of animals transferred on our records to foreign buyers during the year numbered 446, including 139 males and 307 females. There was a number of shipments in which registry papers went direct with the cattle, with no transfer on our records, and we have no official record of such shipments but we understand that one shipment of several hundred head to Venezuela went forward in that way. We believe that these foreign markets have great promise and that this business should be encouraged and developed, not only as a market for our surplus seedstock animals but as a means of building friendly relations with the peoples of these countries.

Artificial Insemination

The artificial insemination program made a phenomenal growth during the year and each of the three phases—within herds, between herds, and in organized groups—showed strong gains over the previous year. "Within herds," particularly in large herds, is increasing as a means of using the better sires to fuller capacity. This phase of artificial breeding increased nearly 10% as compared with 1947. "Between herds," covering cases where semen is shipped or transferred between individual herds outside of organized groups, showed an increase of 38% as compared with 1947. The regularly organized artificial breeding associations showed the greatest gains, with 54.5% increase over the previous year, as 21,434 calves were registered from this phase of the artificial breeding program in 1948 as compared to 13,878 in 1947. The total number of calves registered during 1948 which resulted from artificial insemination was 28,411, or 16.8% of all registrations during the year, as compared with 19,680 such calves, or 12.9% of total registrations in 1947. With this rapid growth of artificial insemination, the need for all possible precaution in protecting the accuracy of our pedigree records becomes increasingly important. Repeat services in the artificial breeding associations present a serious problem as it is a rare case when a cow is inseminated the second time with semen from one bull and it is difficult from service dates to determine which of two or three bulls involved is the sire of the calf. Blood typing is the only satisfactory solution in many cases and with this service available, we should require blood typing of all bulls used in artificial insemination between herds and in artificial breeding associations.

Blood Typing

Blood typing service is now available at Ohio State University, when approved by the Holstein-Friesian Association of America, for purebred Holstein-Friesian animals, and full information may be obtained from the Brattleboro office. Owners of bulls used in artificial service are urged to apply for instructions and application forms and get their bulls typed before a compulsory regulation is adopted. At the close of the year 725 bulls had been typed and applications for 204 others had been filed. Much of this work had been done by the Genetics Laboratory of the University of Wisconsin that this source is not available at present due to lack of trained technicians to carry out the tests, and all of this work is now taken care of by Ohio State University.

In the following tables we present figures for registrations, transfers, and membership, with comparisons for prior years, showing the upward trend in the activities of these departments of our Association.

Treasurer's Report

Income for the fiscal year ended December 31, 1948 totaled $836,420.09 as compared with $684,853.78 for the previous year. This gain of $151,566.31 in Association revenues is due in part to processing more applications for registry and transfer during the year but the greater part of the gain is due to higher fees.

Additions to our staff of office workers, together with rising costs of printing, supplies, and equipment, resulted in a very large increase in costs and expenses for the year reached the high total of $814,426.51 after inventory adjustments and depreciation allowances as compared with $696,539.82 for 1947, an increase of $117,886.69. Income and expense figures for the year by departments follow:

Department	1948 Income	1948 Expenses
General	$ 21,407.00	$141,963.36
Registry	696,578.95	296,126.57
Adv. Registry	105,222.75	160,737.30
Extension Serv.	12,981.39	211,787.44
For. Relations	230.00	12,064.80
Totals	$836,420.09	$822,679.47

In spite of this increase of total expenses, the higher income resulted in a net operating profit of $21,993.58 for the year's business.

Assets of the Association totaled $1,127,513.72, with liabilities of $215,014.81 and total surplus of $912,498.91 on December 31, 1948.

COMPARISONS FOR 25 YEARS

	Certificates Issued					
	Cows	Bulls	Total	Cows	Bulls	Total
	Registrations			Transfers		Membership
1924	83,320	28,209	111,529	60,363	27,172	87,535	1,689
1925	82,659	26,935	109,594	62,258	25,682	87,940	1,310
1926	82,971	28,117	111,088	63,078	27,622	90,700	1,542
1927	81,146	28,817	109,963	60,159	27,970	88,129	1,547
1928	88,214	33,512	121,726	62,753	32,184	94,937	1,844
1929	89,927	35,438	125,365	59,315	33,247	92,562	1,891
1930	75,901	29,242	105,143	44,894	26,045	70,939	1,450
1931	70,535	21,811	92,346	33,153	19,320	52,473	753
1932	54,481	13,834	68,315	24,319	12,321	36,640	474
1933	83,012	15,521	98,533	20,741	10,300	31,041	1,921
1934	82,935	17,283	100,218	26,851	13,860	40,711	594
1935	61,665	15,220	76,885	28,230	14,181	42,411	224
1936	61,154	16,788	77,942	27,591	14,568	42,159	341
1937	62,421	16,689	79,110	28,739	14,835	43,574	385
1938	64,027	17,595	81,622	28,399	15,456	43,855	450
1939	67,043	18,555	85,598	25,473	15,400	40,873	502
1940	119,482	25,941	145,423	33,521	17,893	51,414	783
1941	78,985	23,818	102,803	37,804	20,608	58,412	677
1942	80,575	26,049	106,624	42,863	22,944	65,807	822
1943	82,563	28,634	111,197	48,713	24,861	73,574	1,311
1944	93,917	28,993	122,910	54,735	24,550	79,285	1,393
1945	88,821	24,625	113,446	55,513	22,791	78,304	1,392
1946	130,818	38,520	169,338	82,534	33,751	116,285	1,569
1947	119,655	33,084	152,739	73,366	27,507	100,873	1,626
1948	132,762	35,576	168,338	81,306	31,651	112,957	1,348

During the year the Reserve Fund was increased by additions of $32,545.00 from membership fees and $7,144.04 final payment on the Madison Land Contract and had reached the all-time high figure of $574,522.62 on December 31, 1948.

Fee increases for registration, which became effective September 1, 1947, and higher fees in Advanced Registry, Herd Improvement Registry, and Herd Classification effective January 1, 1948, restored the balance between income and expenses and resulted in an operating profit for the year instead of a loss as in 1947. Without these additional fees a very substantial loss would have been incurred on the year's operations. Total surplus or net worth of the Association at the close of the year was $912,498.91, the highest in the history of the organization.

Respectfully submitted,

H. W. NORTON, JR.
Treasurer

March 9, 1949.

Editor's Note: For reasons of space we have omitted some of the tabulations. The full report is available in printed form upon request to the Holstein-Friesian Association of America, Brattleboro, Vt.

Advanced Registry Department

Our breed improvement programs are making steady progress and have increased rapidly during the past few years of strong demand for good Holstein-Friesian cattle. Advanced Registery reached a low point early in the war but has gained steadily during the past four years. Herd Improvement Registry has climbed steadily from 442 herds in 1941 to 1,313 herds in 1948. Herd Classification increased from 102 herds in 1941 to 917 herds in 1947, dropping back to 728 herds during the past year. This tremendous activity during recent years has made it extremely difficult, with the limited staff available, to handle the work but we are pleased to report that the department was in better shape at the close of 1948, in spite of the heavy demands, than at any time since the beginning of the war.

Advanced Registry

During the year ended September 30, 1948, a total of 3,427 Advanced Registry records were completed, a gain of 232 records over the previous testing year. Of this number 1,049 were ten-months records averaging 300 days in milk, 13476 lbs. milk, 3.6% fat, and 428.9 lbs. fat for cows and heifers of all ages. There were 2,378 yearly records averaging 347 days in milk, 15432 lbs. milk, 3.6% fat, and 558.7 lbs. fat.

High Records

Thirteen Advanced Registry records exceeding 1,000 lbs. fat were completed during the year, four in 4X and nine in 3X. Nine of these records were made by full-aged cows, three by junior four-year-olds, and one by a senior three-year-old. The highest fat producer for the year was Mendocino Meg Faynette 2466477, owned by Mendocino State Hospital, Talmage, California. Her record of 27943 lbs. milk, 4.2% fat, and 1183.1 lbs. fat brought her the national championship among junior four-year-olds milked three times daily.

Highest milk producer was Pinelee Posch Millie Girl 2153759 (GP), owned by Charles R. Hope & Son, Purcellville, Virginia with her record of 32765 lbs. milk, 3.4%, and 1120.2 lbs. fat in 365 days as a six-year-old on 3X milking. Messrs. Hope and Son completed two 1,000-lb fat records during the year. Mendocino State Hospital three, and four were credited to Carnation Milk Farms, Seattle, Washington.

In addition to these thirteen 1,000-lb fat records completed in Advanced Registry, there were three 1,000-lb fat records completed in Herd Improvement Registry, two on 3X and one on 2X milking. With these additions, we had a total of 421 cows with 1,000-lb fat records and 205 with records in excess of 30,000 lbs. milk in 365 days.

During the year, 12 new class leaders were reported: 6 in the Ten-Months and 6 in the Yearly Division. Six of these new class leader records were made on 3X and six on 2X milking.

The Honor List

The Advanced Registry Honor List for 1948 includes all animals with records 66.6% above A. R. requirements for their respective age classes and classifications completed in Advanced Registry during the official year ended September 30, 1948. Of the 1,049 ten-months records made during the year, 476 met Honor List requirements, and 935 of the 2,378 yearly records attained a place in the Honor List. This makes a total of 1,411 records in the Honor List, or 41% of all Advanced Registry records closed during the year. The proportion of high records was raised during the year as is evidenced by comparison with 1947 when 36% of the records qualified for the Honor List. (See Article on Honor List April 16 WORLD).

The Honor List will be a part of Volume 5 of the Type and Production Year Book and is available in pamphlet form free of charge to those who request copies.

Type and Production Year Book

Volume 4 of the Type and Production Year Book was published and distributed during the year. A key volume, it includes a report of the year's work in Advanced Registry, Herd Test, and Herd Classification, and the sire list is complete for the four-year period ended September 30, 1947, including a complete list of tested and classified daughters of every sire having one or more daughters tested or classified during that time. The book, containing numerous lists and much valuable data, is published in two parts, including more than 3200 pages, and is an invaluable reference book for Holstein-Friesian breeders.

Herd Improvement Registry

The upward trend in the Herd Improvement Test continued and 1,313 herds including 42,759 cows were tested during the year, with 28,596 cows and heifers of all ages figured in the herd averages. Comparison with figures for the previous year, when 1,080 herds including 35,066 cows were tested and 23,926 were included in the herd averages, shows the tremendous increase in herd testing and reflects the greater amount of work in the office required by this fast growing program.

The 1,313 herds tested during the year represented 28,596 cows reported in the herd averages and the general average production was 11018 lbs. milk, 3.57%, and 393.0 lbs. fat for cows and heifers of all ages. By far the largest percentage of these herds were straight 2X herds, with 1,142 herds in this category. There were 80 straight 3X herds and the rest were of mixed classification as to milking frequency. Of the 1,313 herds tested during the year, 620 had herd averages over 400 lbs. fat per cow, 600 had averages between 300 and 400 lbs. fat, and 93 fell below 300 lbs. fat per cow.

High Herd Averages

Lewis A. Zimmerman of Lehighton, Pennsylvania is credited with the highest herd average for the year with the remarkable average of 16940 lbs. milk, 3.7%, and 633.2 lbs. fat for 24 cows on 3X milking, the seventh consecutive year above 600 lbs. fat per cow for the herd. This herd topped the list for four consecutive years—1943, 1944, 1945, and 1946—and has again finished in first place. Charles R. Hope & Son, Purcellville, Virginia were second on the list with an average of 15574 lbs. milk, 3.9%, and 610.7 lbs. fat for a 25-cow herd of mixed classification, 18 on 3X and 7 on 2X milking. The third highest herd average goes to California Polytechnic School, San Luis Obispo, California with an average of 16195 lbs. milk, 3.7%, and 606.1 lbs. fat for a herd of 22 cows of mixed classification. J. R. Gilham, Clarendon, Texas follows closely with an average of 14873 lbs. milk, 4.0%, and 590.9 lbs. fat for 11 cows, Classification 2X, the highest record of the year for a herd milked twice daily.

Altogether there were 71 herds with averages in excess of 500 lbs. fat per cow completed during the year. State Prison of Southern Michigan, Jackson, Michigan is the largest herd in this group of 500-lb. fat herds. The Prison herd of 138 cows on 3X milking averaged 16485 lbs. milk, 3.5%, and 579.4 lbs. fat per cow. One other herd of more than 50 cows placed high in this group, the 63-cow herd of Frank Hopkins & Son, San Jose, California, with the very fine average of 15762 lbs. milk, 3.4%, and 542.7 lbs. fat on a straight 2X basis. We should be very proud of the fact that 71 of the 1,313 herds tested have averages above 500 lbs. per cow for the year.

Testing the Entire Herd

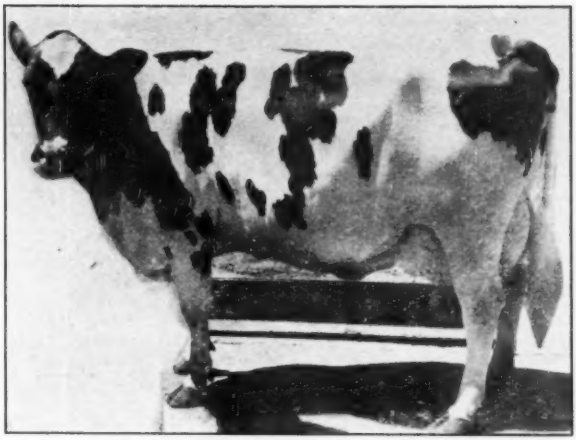
When the Board of Directors approved and adopted rules for the Herd Improvement Test, the idea of testing the entire herd was considered very skeptically by many breeders who had been

used to the plan of selective testing under Advanced Registry rules. Twenty years of herd testing have now been completed and the acceptance of the Herd Test has been most gratifying and the trend toward this type of testing continues steadily upward. In the initial year of the Herd Test, we reported herd averages for 242 herds including 4,834 cows. In the twentieth year, which was completed September 30, 1948, we reported herd averages for 1,313 herds including 28,596 cows and the new year started with more than 1500 herds including more than 32,000 cows on test.

At first we used the D.H.I.A. system of computing herd averages on the cow-moth basis in which parts of lactations of two or more cows may be combined to represent one cow in the herd average for the year. This was soon changed to the present basis of counting only those cows that were members of the herd during at least 300 days of the herd test year, a much better method in a breeder's herd. At first we reported the production of each cow or heifer in the herd for the 365-day period of the herd test year without regard to lactation periods. These figures are still continued, necessarily, for use in figuring herd averages but we soon began reporting lactation figures for each member of the herd, the only fair basis for evaluating production and making daughter-dam comparisons of sires and dams for use in the breeding program. Herd averages seemed low at first to many breeders whose thinking had been based on records of individual cows tested for a lactation period, but experience has led to a better appreciation of herd average figures and we are proud of the high general average for all herds under test and the many high individual herd averages reported. During the past year 620 of the 1,313 herds reported had herd averages over 400 lbs. fat per cow, and the entire 1,313 herds had a general average of 393 lbs. fat per cow. During the 20 years of herd testing, we have reported yearly herd averages for 9,639 herds including 220,195 cows and their grand average production was 11213 lbs. milk, 3.49%, and 391.4 lbs. fat per cow per year—a remarkable showing in comparison with average production figures of U. S. dairy cows during the same 20-year period of considerably less than 200 lbs. fat per cow.

Herd Classification

The Herd Classification program during the year ended September 30, 1948 dropped off sharply from the year before, but came back strong during the last three months of 1948 and from present indications will make a fine record during the year now under way. We classified 728 herds and 12,632 animals during the year, including 557 males and 12,075 females. Breeders from 35 states participated in the program during the year, New York and Wisconsin tying for first place with 89 herds each, followed by Pennsylvania, Missouri, Ohio, Iowa, Illinois, Kansas, Idaho, and Michigan in the order named. The two high ratings, Excellent and Very Good, accounted for 17.6% of all classifications during the year, with 12.6% of the total number rating Fair and Poor. Good Plus accounted for 37.3% and Good covered 32.5% of the animals classified. While the program was established in 1929, herd classification was such a novel idea that it made slow progress and 1941 was the first year to reach a total of 100 herds inspected and classified for type. Since that time the trend has been steadily upward and herd inspections have ranged well over 700 during each of the past three years, with annual classifications during this period totaling 14,306 in 1946, 18,835 in 1947, and 12,632 in 1948. Breeders are beginning to find that the combination of herd testing and herd classification gives them a very fine record of production and type for every cow in the herd, information which is essential in the development of a sound breeding program.



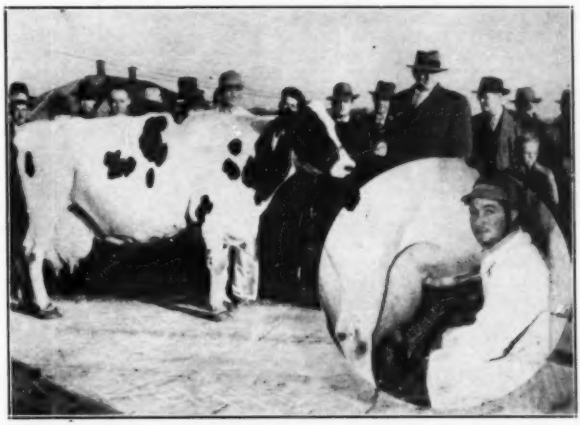
MENDOCINO MEG FAYNETTE 2466477
New class leader junior 4-year-old, 365 days, 3X. Her record 1183.1 lbs. fat, 27943 lbs milk, 4.2% Mendocino State Hospital, Talmage, Calif.

Sire Recognition

Great progress was made during the year in our program of sire recognition, with 25 sires qualifying for awards as Silver Medal Type Sires and 27 as Silver Medal Production Sires. Seventeen of these bulls achieved the highest honor, Gold Medal Proven Sire, by qualifying for both Silver Medal Awards.

Progressive Breeders' Registry

The Progressive Breeders' Registry Award is based on achievement of the breeder in the development of his herd under the various approved programs. It is the highest award given by the Association and is an honor greatly coveted by our members. Every breeder who qualifies receives a very fine bronze plaque, with year plates to designate the



PINELEE POSCH MILLIE GIRL 2153759 (G.P.)
New class leader in 10 months division, 3X—aged cows with 987.6 lbs. fat, 29311 lbs. milk, 3.4%. Charles R. Hope and Son, Purcellville, Va.

LEADING HERD AVERAGE BY CLASSIFICATION GROUPS

Volume 5 Type and Production Year Book For the Year Ended September 30, 1948

	No. Cows	Days in Milk	Lbs. Milk	% Fat	Lbs Fat
3X—15 Cows or Less					
Roscoe V. Sullins, Lyons, Ohio	6	336	15830	3.4	543.4
Robert F. Thomson, Springfield, Mo.	15	312	14253	3.6	519.4
North Carolina State College of Agriculture, Raleigh, North Carolina	14	305	13553	3.8	513.9
16—30 Cows					
Lewis A. Zimmerman, Lehighton, Pa.	24	317	16940	3.7	633.2
Daniel I. Mayne, Rochester, N. Y.	22	311	13696	4.1	560.6
Elton L. Smith & Sons, Dodge Center, Minn.	17	326	15514	3.6	553.2
31—50 Cows					
Clyde Hill Farms, Clyde, Mo.	33	309	14506	3.8	552.6
Pennsylvania State College, State College, Pa.	38	328	14830	3.7	541.6
Ionia State Hospital, Ionia, Mich.	37	308	14661	3.6	525.3
3X					
51 Cows or More					
State Prison of Southern Michigan, Jackson, Mich.	138	316	16485	3.5	579.4
County of Essex, Cedar Grove, N. J.	77	310	13102	3.7	487.1
Michigan Reformatory, Ionia, Mich.	53	317	13452	3.6	479.0
2X					
15 Cows or Less					
J. R. Gillham, Clarendon, Texas	11	331	14783	4.0	590.9
Dr. L. A. Snavely, North Platte, Nebr.	11	314	16180	3.5	573.9
Wallace J. Beckner, Belle Plaine, Kans.	11	333	15221	3.6	545.2
16—30 Cows					
Gerald W. Heil, El Nido, Calif.	25	305	16109	3.5	559.9
Kneedmore Holstein Farms, Pittsford, Mich.	27	318	15667	3.6	559.2
Edwin W. Button, Canajoharie, N. Y.	16	303	15557	3.6	557.9
31—50 Cows					
Lakefield Farms, Clarkston, Mich.	34	323	14836	3.7	553.0
Bouic Brothers, Marysville, Ohio	46	316	13550	3.8	519.2
Earl Graham & Sons, Ceres, Calif.	44	298	12822	3.9	497.6
51 Cows or More					
Frank Hopkins & Son, San Jose, Calif.	63	320	15762	3.4	542.7
Chippewa County Asylum, Chippewa Falls, Wis.	67	309	12516	3.7	459.7
Weaver Witwer, Marion, Iowa	52	298	12509	3.4	430.8
3X—2X					
15 Cows or Less					
D. R. Wiens, Swanton, Ohio (1-3X—4-2X)	5	300	16166	3.6	574.7
A. E. and W. S. Bodman, Bement, Ill. (3-3X—4-2X)	7	282	14586	3.8	547.0
L. E. Doll, Sugarcreek, Ohio (4-3X—7-2X)	11	319	12836	4.1	527.5
16—30 Cows					
Charles R. Hope and Son, Purcellville, Va. (18-3X-7-2X)	25	315	15574	3.9	610.7
California Polytechnic School, San Luis Obiso, Calif. (16-3X—5-2X)	22	294	16195	3.7	606.1
A. H. Jergens, Biscay, Minn. (15-3X—5-2X)	20	307	16533	3.6	587.9
31—50 Cows					
Jas. W. C. Pogue, Exeter, Calif (43-3X—1-2X)	44	304	13240	3.9	520.7
F. F. Pellissier, Whittier, Calif. (40-3X—6-2X)	46	287	13651	3.7	511.0
Harold J. Shaw, Sanford, Me. (48-3X—3-2X)	51	309	12659	3.9	492.3
3X—2X 51 Cows or More					
Walworth County Asylum Farm, Elkhorn, Wis. (14-3X-45-2X)	59	313	12606	3.6	457.4
M. A. Gammino, Peace Dale, R. I. (48-3X—5-2X)	54	302	12951	3.5	453.0
Lapeer State Home and Training School, Lapeer, Mich. (176-3X-10-2X)	186	307	12618	3.4	426.6
4X—2X 31-50 Cows					
Silvis Farms, Inc., Greensburg, Pa. (4-4X—28-2X)	33	303	11615	3.9	456.2

Lewis A. Zimmerman, Lehighton, Pennsylvania made the largest average of years when he met the requirements for this high honor. During the year ended September 30, 1948, Progressive Breeders' Registry Certificates were awarded to 68 breeders, 15 qualifying for the first time. So far, nine different breeders have qualified for this award five or more times each, and the Ionia State Hospital, Ionia, Michigan has qualified for ten consecutive years—every year since the award has been available. University of Idaho, Moscow, Idaho has received nine awards; Clyde Hill Farms, Clyde, Missouri, seven; W. H. Barritt and Sons, Barron, Wisconsin and R. L. Evans, Hutchinson, Kansas, six each; and four others have qualified five times, including: Harold T. Burdick, Hillsdale, Wisconsin; Ohio State University, Columbus, Ohio; Edwin Steiner, Massillon, Ohio; and J. H. Wilson & Sons, Clinton, Pennsylvania.

Five Year Growth

We look back over these recent years of such tremendous breed activity with a feeling of pride in the achievements of the Association. During the past five years we have:

Enrolled	7,328 new members
Registered	726,771 animals
Transferred	487,704 animals
Completed	13,759 Advanced Registry records
Tested	4,487 herds in Herd Test, including 101,728 cows in the herd averages
Classified	3,368 herds, including a total of 65,224 animals

This remarkable activity reflects the popularity of the breed and the interest of U.S. breeders and dairymen in the improvement and development of their herds. Dairying is the main branch of agriculture in this country and a principal source of soil conservation. Dairy products are recognized everywhere as essential to the well being of our people, and the total supply of milk is not sufficient to meet the standard recommended by authorities on nutrition. With these considerations in mind and knowing the capabilities of the Black-and-White Cow, we look forward to a continued bright future for the industry.

Respectively submitted

H. W. NORTON, JR.

Executive Secretary.

GOLD MEDAL PROVEN SIRES

October 1, 1947 to September 30, 1948

Lone Fir Sir Johanna Tony 4th 710166—Lindow Brothers, Portland, Oreg.

Newmont Aristocrat 827033 (E)—J. S. Johnson, Oldwick, N. J.

Wisconsin Dauntless Joe 865912 (VG)—H. C Briggs & Son, Turner, Maine.

King Bessie Model Johanna 726873—State School & Home, Redfield, S. Dak.

Winterthur Posch Ormsby Fobes 835919 (VG)—Sam J. Johnson, West Chester, Ohio.

Osborndale Spitfire 76065 (E)—Mrs. Margery Jones, Washington Crossing, Pa. and Mrs. Waldo S. Kellogg, Derby, Conn.

Sir Marksman Design 774749 (VG)—County of Essex, Cedar Grove, N. J.

Taylaker Astrea Ormsby Blossom Jim 668553—J. W. & M. A. Taylor, Visalia, Calif.

Greenwood Dean Ormsby 836260 (GP)—Ray Meeker, Muncie, Ind.

Sensation Marathon Lad 714704 (E)—John H. Holser, Troy, N. Y.

Sir Bess Ormsby Tidy Fobes 711382 (G)—Clyde Hill Farms, Clyde, Mo.

Carnation Count 812518 (VG)—R. H. Jandebeur, North Platte, Nebr.

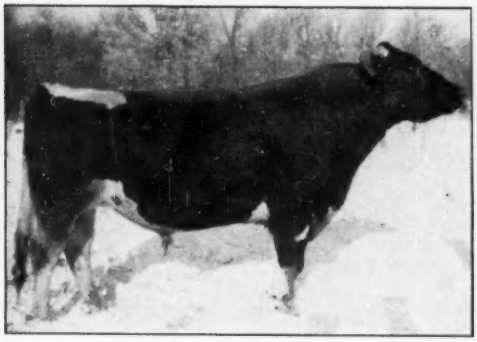
Admiral Beechwood Ormsby 15th 708497 (VG)—Henry Van Driest, Cedar Grove, Wis.

Hallrose Progressor 808292 (VG)— S. B. Hall, Troutdale, Oreg.

Cherokee Sir Homestead 721252 (VG)—A. R. Schutz, Dallas, Wis.

King Bessie Fobes Maid 763846 (E)—State School & Home, Redfield, S. Dak.

Clove Valley Supreme Satisfaction 864818 (VG)—Mrs. J. M. Huff & Sons, Honeoye, N. Y.



PABST CASCADER PRIDE 2d (Good)
The 102d Gold Medal Sire for Goodman Brothers, Wonemac, Wisconsin, where he was in service from 1940 to 1945. He is the third generation of GM sires. Now, dead, he spent his last years at the Chatham station of the Mich. Ag. School and in the Mich. Art. Br. Coop.

CARNATION CREAMELLE SUPERB (Good Plus)
The 104th Gold Medal sire, Senior herd sire at the Neale Farms, Waco, Texas, where his daughters were all developed. A son of Carnation Peerless Creamelle from a 762 lb. fat daughter of Governor of Carnation.

Three New Gold Medal Sires

Number 102

Pabst Cascader Pride 2d 786028 (Good)

The sire was made Gold Medal on the application of Goodman Brothers, Wonemac, Wisconsin. He was bred by Pabst Farms and his daughters were all developed in the Goodman herd. "Pride 2d" was sold in 1945 to the Michigan State College for use in the Upper Peninsula herd at Chatham. Then, according to word from Prof. Earl Weaver, he was again sold to the Michigan Artificial Breeders' Cooperative in June of 1947. He was sold for slaughter in December as he had become afflicted with arthritis.

The Northwood herd of the Goodman Brothers has been built on the blood of Sir P O M 37th, the first registered bull purchased in 1909 and the first registered females in 1914. A "37th" grandson Linden Lawn Educator Mercedes, was followed by Arbu King Pride, a double grandson of Pride of Sir Piets. Arbu King Black Gold purchased in 1936 increased fat production of his daughters 51 pounds bringing the yearly herd average to 47 pounds of fat. He was followed by "Pride 2d" and there are 22 of his daughters still in the Northwood herd. Five of his daughters have records over 500 of fat, two of these at two years, one at three and one at four years. The average score of his daughters is 82.3.

"Pride 2d" was by the Ex-GM, Pabst Cascader Pride. He was a double grandson of GM Carnation Sensation, making him the third generation of Gold Medal sires. His dam, Pabst Cascade Model Princess, was a V.G. daughter of Carnation Sensation with 613 of fat in 338 days. Her dam is by a son of King Segis Alcartra Prilly and from a daughter of Creator, both of these Gold Medal bulls.

Number 103

Winterthur Fobes Posch Venice ((Very Good) 799875

The 103d sire was made Gold Medal on the application of Natt L. Divoll, Jr., Bellows Falls, Vermont. He was bred by Winterthur Farms and is still owned by Mr. Divoll altho he is on lease at the present time to the Massachusetts Breeding Association, Inc., Shrewsbury. With one exception, each animal scored for classification for the Gold Medal award was bred at the Divoll Homestead and bears the prefix—"D H." The single exception is a cow born in the herd of John B. Abbot, a close neighbor of the Divolls. All of the 13 daughters used for computing have the "D.H." prefix.

The "Venice bull is a son of the leading honor list sire, Posch Ormsby Fobes 14th, and out of a daughter of King Posch Ormsby of Winterthur with a 2X 3 year old record of 512 pounds of fat. Five of the records on the daughters of this bull were made in the herd of George Causey of Bayfield Farms, Wakefield, R. I.

Mr. Divoll writes: "The reason why I am particularly proud of this accomplishment is because the records were made under the personal supervision of my wife, Josephine K. Divoll, when I was in service. And when I say personal supervision, I mean just that because with the type of help available she found it was necessary for her to go into the barn and she personally did all of the feeding over the period of time when the records were made, to which fact I believe a great deal of the records are due." These daughters include a 607 pound three-year-old and the average score for 35 of them was 83.2.

Number 104

Carnation Creamelle Superb (Good Plus) 813160

He was made Gold Medal on the application of his owner, W. F. Neale, Waco ,Texas. All of the records of his daughters were made at the Neale Farms. Bred by Carnation Milk Farms, he is a son of Carnation Peerless Creamelle from Carnation Homestead Superb, a daughter of Governor of Carnation with 734 pounds of fat. He was purchased by Mr. Neale as a calf in the 1941 Elkhorn sale, topping that sale.

The 11 daughters of this sire classified made an average score of 82.3. He is the first Texas sire to be awarded the Gold Medal rating under the new rules. One of his daughters has a four year old record of 762 pounds of fat and four others have records over 600 of fat, all of these in three year old form. Three of his daughters hold state records for Texas.

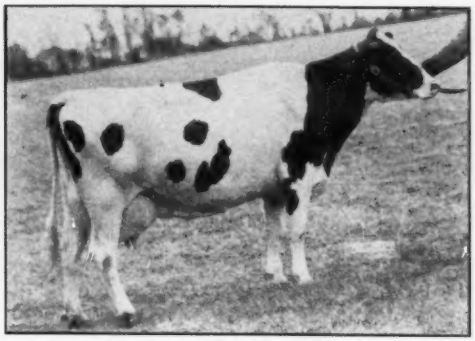
All of the daughters of this sire were

(Continued on page 98)

WINTERTHUR FOBES POSCH VENICE 799875

The 103d Gold Medal Proven Sire for Natt L. Divoll, Jr., Bellows Falls, Vt., he is now on lease to the Massachusetts Selective Breeding Association, Shrewsbury, Mass.

LINCOLN ADMIRAL OUTLET POSCH (V.G.)
Dr. F. H. Stires, Canton, Ohio, paid $1750 for this 802-lb., 4.2% daughter of Lauxmont Admiral Lucifer at the Isaac Yates dispersal.



LIFLOC SUPREME KATHLEEN (V.G.)
Sold at the Isaac Yates dispersal to Edward Trainer, Doylestown, Pa., for $2025.

Isaac Yates Dispersal

Newton, Pa.

Catalog Summary

22 Females 2y & over (3 calves under 3 mos swd)	**$22,750**	**$1,034.09**
2 Bred Yearlings	**1,175**	**587.50**
1 Open Yearling	**900**	**900.00**
3 Heifer calves over 3m	**1,115**	**371.67**
2 Bulls over 3m	**1,445**	**722.50**
30	**$28,425**	**$947.50**

The well-known and long-established Isaac Yates herd was dispersed March 25th at the farm, Newtown, Pa., with Harvey Rettew, Manheim, Pa., sale manager, and Hess & Dupes, auctioneers.

The Yates herd, with its DHIA average for 1948 reaching the high level of 571 lbs. fat from 15,661 lbs. milk on 2X, and its herd classification score of 85 points, represented type and production and a large crowd assembled early to participate in the day's event.

Altogether 26 of the 30 head over 3 months of age sold for $500 or better. Wimbledon Pearl Perfection (G.P.), Pennsylvania State record 2-year-old with 576.6 lbs. fat, 13,377.6 lbs. milk in 365 days on 2X, brought $3200 on a final bid by Isaac Yates, Jr., who bought fourteen other of the day's tops. Contending bidder, going to $3175, was J. E. Williamson. Mr. Yates, Jr. included in his purchases two for $1575 and $1525 respectively. The $3175 heifer is a daughter of Carnation Emperor from a Very Good 759-lb. 3.9% 2X daughter of Wimbledon Dean Marathon, while the one at $1575, Wimbledon Matchmaker Pearl, is a daughter of Carnation Matchmaker from Lashbrook Ormsby Pearl, maker from Lashbrook Ormsby Pearl, and the remaining one mentioned, Lincoln Lauxmont Admiral Lucifer daughter with records at 5, 6 and 7 years, 2X, of 675, 709 and 734 lbs. fat.

Edward Trainer, Doylestown, Pa., paid $2025 for a daughter of Supreme Grand Slam (XX), Lifloc Supreme Kathleen (V.G.) with two good records. Dr. F. H. Stires, Canton, Ohio, purchased Lincoln Admiral Outlet Posch at $1750, she a Very Good 7-year-old with an 802-lb record, a daughter of Lauxmont Admiral Lucifer.

J. E. Williamson, Bellewood, Pa., paid $1500 for Maplebend Dean Goldie, a 2-year-old daughter of the Excellent Lincoln Admiral Goldie and by the herd sire, Wimbledon Dean Fobes Rag Apple (Ex.), son of Wimbledon Dean Marathon.

The buyers' list:

Isaac Yates, Jr., Newtown, Pa. (17)
Wimbledon Pearl Perfection (12-12-44) $3200
Wimbledon Matchmaker Pearl (3-6-44) 1575
Lincoln Admiral Goldie (7-30-40) 1525
(Male) (5-5-48) 925
Maplebend Dean Pearl (7-22-47) 900
Wimbledon Queen Perfection (3-8-39) 875
Cedar Dale Inka Pietje Daisy (12-26-42) 850
Lauxmont Safemaster Sara (1-5-43) 800
Gladibrae Governess Rosie (11-9-42) 800
Maplebend Dean Silber (11-18-47) 775
Donnache Gipsy Hello (2-15-40) 725
Maplebend Dean Dolly (6-27-46) 725
Maplebend Dean Supreme (11-2-46) 700
Marie Susie Abbekerk (1-16-42) 675
(Male) (3-10-49) 500

Edward Trainer, Doylestown, Pa.
Lifloc Supreme Kathleen (2-2-43) 2025

Dr. F. H. Stires, Canton, Ohio
Lincoln Admiral Outlet Posch (10-4-41) 1750
Rag Apple Colantha Contender (3-10-44) 800

J. E. Williamson, Bellewood, Pa.
Maplebend Dean Goldie (11-26-46) 1500

Joseph Jermiz, Sellersville, Pa.
Mistress Deen Var Transmitter (2-7-46) 775

James Frank, Newtown, Pa. (2)
Cedar Dale Inka May Alice (8-4-40) 700

J. O. Peel, no address given
Plainview Rag Apple Polly (9-8-42) 675

Frank W. Fernsler, Lebanon, Pa.
Finkhurst Amy Burke (2-6-45) 625

Frank Coffey, Newtown, Pa.
(M) Wimbledon Dean Fobes Rag Apple (9-5-44) 520

Russell B. Jones, Westtown, Pa.
Maplebend Dean Polly (4-2-48) 500

Emerson Meyers, Perkasie, Pa.
Dewdrop Marie Pabst (9-3-41) 500

Other buyers were: F. L. Heilman & Son, Lebanon; C. S. Erb and Son, Middletown; Locustcroft Farm, Harvey Rettew, Manheim; and Wilmer E. Smith, Hatfield, Pa.

Statistical data furnished by Harvey Rettew, Manheim, Pa.

The Willoway Dispersal

Catalog Summary

29 Females 2 Yrs. & Over (3 calves under 3 mos. s. w. d.)	**$12,470**	**$430.00**
5 Bred Yearlings	**2,110**	**422.00**
9 Open Yearlings	**2,965**	**329.44**
9 Heifer Calves over 3 mos	**2,715**	**301.67**
3 Bulls over 3 mos.	**1,675**	**558.33**
55	**$22255**	**$404.64**

Fleet Wings Master Aim featured the Willoway Herd dispersal of C. H. Will's, Arlington Heights, Ill., on April 2d. This sale also included a draft of ten females from the herd of J. R. Lathrop, Dundee, Ill. A. W. Petersen, Oconomowoc, Wis., was sale manager with J. E. Mack, Ft. Atkinson, Wis., and W. H. Williams, Huntley, Ill., auctioneers. M. R. Campbell, Oconomowoc, clerked the sale.

Fleet Wings Master Aim, the herd sire, went to Moberly Brothers, Ames, Kansas, on a final bid of $1300. Last runner-up was the team of Lee Barney and Roy Phipps, Elkhorn, Wis. Master Aim, born June 6, 1946, is a son of Dunloggin Aim (V.G.) and from the Woodmaster daughter, Dunloggin Beauty Mistress, 1012-lb. 3X, 6½-year-old. Master Aim's seven calves in the sale, ranging in age from four to eight months, averaged $305 with R. A. Zimmerman, Fond Du Lac, Wis., taking three of them.

Buyers at $500 and over follow:

Moberly Bros., Ames, Kans.
(M) Fleet Wing Master Aim (6-46) $1300

H. G. Mau, Chicago, Ill. (11)
Willo Way Martha Rag Apple (8-45) 590
Willow Way Aaggie Ormsby Piebe (5-43) 530

Philip Surprenant, Sr., Kankakee, Ill.
Willo Way Canary Flood (7-44) 575

Dickman, Bros., Herscher, Ill.
Fitchome Posch Wimble Piebe (5-45) 550

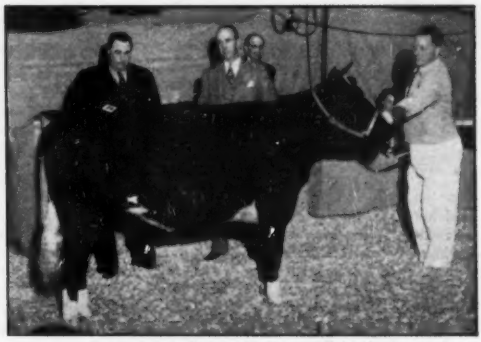
Holy Ghost Convent, Techny, Ill. (5)
Willo Way Irene Walker Homestead (6-43) 540
Willo Way Arlene Olive Ormsby (3-45) 500

R. Riese, Palatine, Ill. (3)
Fitchome Wimbledon Ormsby Sylvia (12-40) 500

Pinehurst Farms, Sheboygan, Wis. (3)
Willo Way Piebe Admiration (10-45) 500

Other buyers were: Wm. H. Williams, Huntley; Wm. L. Fink, Wauconda; Darlene Arnold, Palatine; Oatman Farm, Dundee; Carl Mendske, Sullivan; J. Lyle Laufer, Hampshire; Martin Loeber, Palatine; Wendall Lockhart, Robinson; Erwin Pollworth, Bensenville; Peter J. Polons, Grayslake; Society of the Divine Word,

MAPLE HAVEN OLIVIA VAR ($3150)
Yearling daughter of "Wonder Var" that topped the sale. At the right is M. S. Prescott, editor of the WORLD, who bid for Harvey Farrington, Lowville, for export to Italy.



MAPLE HAVEN OLIVE VAR ($2225)
Bred two-year-old full sister to Olivia Var. Second high female of the sale. Purchased by National Director Thomas H. Benton, Blairstown, N. J. (Shown in picture with Mr. Miller).

$736 Average At Miller Acres

$3150 Top Price—"Gold Master" To Cooperative At $2600

Catalog Analysis

49 Females 2y and over	$38880	$793.47
(5 calves under 3m)	1725	345.00
3 Bred Yearlings	1900	633.33
15 Open Yearlings	11290	752.67
14 Heifer Calves		
over 3m	6785	484.64
10 Bulls over 3m	6440	644.00
91	$67020	$736.48

The dispersal of the Miller Acres herd at Billings, near Poughkeepsie, N. Y. on April 11th attracted buyers from New York, New Jersey, Pennsylvania, Ohio, Connecticut and Virginia who paid four-figure prices for 17 of the top animals, largely of intense Dunloggin breeding. 48 head went out of the state. The 91 head brought an average of $736. The top price was $3150 for a yearling daughter of Dunloggin Wonder Var purchased on the bid of Harvey Farrington, Lowville, N. Y., for export to Italy. Her 2-year-old full sister, safe in calf since January from service to Dunloggin Goldmaster, sold with her on a "choice or privilege" basis, with National Director Thomas H. Benton, Blairstown, N. J., taking the second choice at $2225. Dam of this lovely pair of heifers was the 656-lb. fat "Lochinvar" daughter of the 803-lb. fat Dunloggin Bessie Olive.

Dunloggin Goldmaster, 8-year-old proven senior sire and full brother to McDonogh School's "Pure Gold" and McKendree Walker & Sons' Gold Medal "Master Stroke," topped the bull division at $2600 on the bid of the Sussex Co. Coop. Breeding Ass'n, Sussex, N. J.

J. O. Canby, Langhorne, Pa. paid an even $2000 for a 628-lb. 2-year-old daughter of Dunloggin Follow On—one of the milkiest things in the herd, and $1675 for a 572-lb. 2-year-old daughter of Dun-Loggin Victor.

Francis Ryan, whose farm nearly adjoins Miller Acres, wrote the largest check of the day, $5250 for six head, including three at from $1000 to $1525. H. M. Kouri, Hopewell Jct., N. Y. was also a heavy buyer, paying $4730 for 8 head, including the 3-year-old "Wee Joe" junior herd sire at $800.

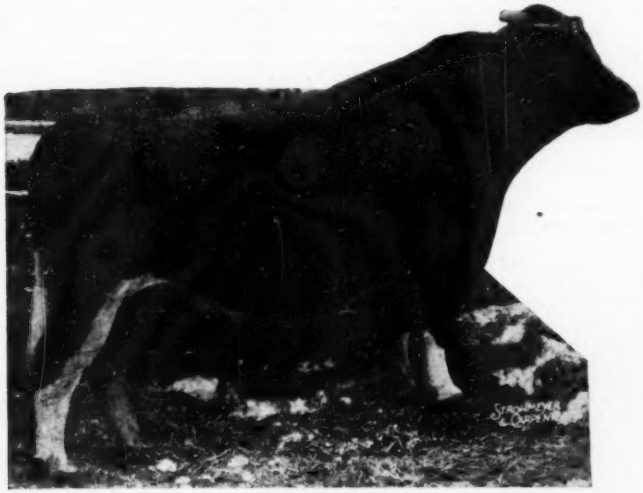
Burr Shurwood, Livingston Manor, N. Y., paid $1600 for Essex Mooie Triune Design, twice 700-lb. fat daughter of Dunloggin Design, 7 years old and bred in March to "Gold Master."

John E. Roebuck, Walden, N. Y. bought famous old Jonabell Deanna, just turned 10 years of age, for $1410, due this month to Dunloggin Gold Master. She is the highest record daughter of Dunloggin Deubler and one of the most influential brood cows behind the noted Jonabell herd.

Other top buyers included Jonas Gruver, Thomasville, Pa., who bought two for $1575 and $1000; Meadow Springs Farm, Alliance, Ohio who paid $1250 for a Dunloggin Victor daughter; Edward Bach, Goshen, N. Y. who paid $4490 for four head; Ada A. Fernsler, Lebanon, Pa.; and S. B. Hendershot, Newton, N. J.

On a breakdown by sires: 13 yearling and 2-year-old daughters of Dunloggin Victor averaged $840; 4 daughters of Dunloggin Wonder Var averaged $1777; 10

(Continued on page 57)



DUNLOGGIN GOLDMASTER
Senior herd sire at Miller Acres and well known and proved son of Dunloggin Woodmaster. Purchased at $2600 by Sussex Co. Cooperative Breeding Association, Sussex, N. J.

Editorial---

First Quarter Sales

We are pleased to report that we have received thus far data on 49 sales held during the months of January, February and March, 1949. In these sales 2854 head were sold for a total of $1,292,117.50, which makes an average of $452.74. This is the highest first quarter figure in our history. It compares with first quarter 1948, where 2730 head were sold for an average of $393.46, and first quarter 1947, when 3364 head were sold for an average of $358.16.

The following breakdowns by price levels, in comparison with the full-year figures of 1948-47-46, gives striking testimony to the strong tone of the market in this first quarter of 1949: efficiency of operation.

Percentages of Sale Averages	1949	1948	1947	1946
Above $1,000	2.0	.4	3.0	2.1
$500 to $999	14.2	18.0	10.9	9.7
$400 bracket	40.8	35.6	16.8	17.3
$300 bracket	40.8	43.8	49.2	40.7
$200 bracket	2.0	2.2	19.7	29.6
Under $200	0	0	.4	.9

The month of March, figured separately, did not quite maintain the pace set for the quarter as a whole, but was considerably better than the corresponding month in either of the two previous years. Here is a similar breakdown for the month of March alone. Peculiarly there were 24 March sales reported in each of the three years.

MONTH OF MARCH

Percentages of Sale Averages	1949	1948	1947
Above $1000	0	0.	0
$500 to $999	12.5	8.3	12.5
$400 bracket	33.3	16.7	16.7
$300 bracket	54.2	75.0	45.8
$200 and under	0	0	25.0

In the current month of March, 11, or 45.8% of the sales averaged over $400. The March 1948 percentage was 25%, and the March 1947 percentage was 29.2%. Note that 25% of the sales of March 1947 averaged under $300.

This current strength is further borne out by the averages of the 24 sales held in March for each of the past three years. In 1949 the figure was $414.89—in 1948 it was $393.68 and in 1947 it was $371.85.

We analyze these March figures specially as they cover the latest month for which figures are now available. As we come on through April, we find the market perhaps a little more selective but still strong when really desirable animals are offered.

Annual Reports

The Annual Reports of the Holstein-Friesian Association of America covering 1948 activities, and featured in this issue make pleasant reading for Holstein folks.

It was indeed a "banner year" for the organization. More females were registered than any previous year in the entire history of the Association. Total registry and transfer certificates issue were up over 10% from last year, and only slightly below the record breaking year of 1946.

Herd Test enrollment continued to increase and covered 1,313 herds and 28,596 cows, 50% more than in 1946, and well above 1947. This work has increased consistently every year since 1940.

Vety obviously the reorganization of the office is working well. The too-large back log of applications has been reduced to manageable proportions even though new applications have continued at a high level. Service has been greatly improved, and is now about as near current as is desirable for maximum efficiency of operation.

Incidentally it should be noted here that the first quarter of 1949 has shown a great upsurge of business in the office, running very substantially ahead of the comparable period of 1948, so that the interim report, which Secretary Norton will present at the Convention will make further pleasing reading.

Financially the year of 1948 proved much better than was feared along in the fall, when a deficit on the year's operations was expected. Final figures showed an operating profit of $21,993.58. The net worth of the Association now stands on the books at $912,498.91, as of December 31, 1948, the highest in the history of the organization.

In this issue we are presenting these reports substantially in full—but omitting some of the tabular data for reasons of space. The entire reports are available in pamphlet form upon request to the office at Brattleboro, Vt.

June Dairy Month

This is the thirteenth year of the June Dairy Month Program, spearheaded by the National Dairy Council, eleven great organizations representing the dairy foods business have staged this nation-wide demonstration of the essential nature of dairy products in the food economy.

This year the effort takes on unusual significance. The dairy industry is face to face with a selling job to promote greater use of milk and dairy products and to improve public relations. During the war we could not produce up to the demands of a world-wide market. Now our high gear production is threatening surplusage through under consumption.

Competing food products are going all out to capture a bigger share of the American food dollar. We have the merchandise, however, and it is up to us, the dairy industry, to sell it. Nobody else is going to do it for us.

Built around the theme, "Dairy Foods Always Your Best Buy." The 1949 June Dairy Month will be aimed particularly at four major objectives with a nation-wide campaign. They are:

1. To increase the sale of milk, butter, cheese and ice cream.
2. To promote the economy appeal in dairy foods.
3. To hold present markets for dairy foods.
4. To promote and expand good will for the dairy industry.

Perhaps the most important outgrowth of the June Dairy Month campaign has been the nation-wide growth and expansion of the American Dairy Association, which is financed principally by producer contributions, as a check-off on their milk and butter fat production during each June. These contributions from dairymen through their own organizations have made possible a million dollar advertising campaign for dairy products along with a liberal allowance for research and educational work. These funds should now be greatly increased and we hope that this year's collections will make possible a greatly expanded advertising and promotion campaign throughout the year, in line with the greater needs of the situation today. The work of the organization is intelligently and effectively done. Please don't forget to make your contribution through the small check-off on your June production.

National Water Systems Month

While we are on the subject of special months, we should remind you that the month of May has been designated as National Water Systems Month. Its purpose is to remind you that, "Profit Grows When Water Flows."

Take this occasion to check over your present farm water system. Are you getting from it all the benefits modern invention has made available? Do you have a setup to save the greatest possible amount of time and labor in the house as well as the barn? Is your old system providing water enough for modern needs?

Consult your own dealer, he may have some helpful suggestions. Also the U. S. Department of Agriculture has a useful publication on this subject. It is entitled "Planning the Electric Water System and Plumbing for your Farmstead." Ask for Miscellaneous Publication No. 674, at Washington 25, D. C.

Sale Calendar

May 9 Williamston, Mich., 3rd Wolverine Classic, Management C. B. Smith.

May 9 Vancouver, Wash., Ridgeport Farm Dispersal, Management Everly Livestock Exporters, Inc., 706 New World Life Bldg., Seattle.

May 10-11 Sherburne, N. Y., R. P. Kutschbach & Son, Dispersal, Chas. Vosburgh, Sale Mgr., Cortland, N. Y.

May 10 Richland Center, Wis. Fred O. Anderson & Son Dispersal.

May 11 Trenton, N. J., New Jersey State Sale, Peter Van Nuys, Pres., Belle Mead; Management R. Austin Backus, Mexico, N. Y.

May 14 Lapeer, Mich., Michigan Dairy Congress Sale, Harold Brown, Marion, Mich., Holstein Chairman.

May 14 Ancram, N. Y., Shangri-La Farms Dispersal, management R. Austin Backus, Mexico, N. Y.

May 18 Frederick, Md., 33rd Annual Frederick County Holstein-Friesian Ass'n. Consignment Sale, J. Homer Remsberg, Middletown, Md., Ch. Sale Comm.

May 19 Lancaster, Pa., 75th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

May 21 St. Paul, Minn., Lakeland Farms Dispersal.

May 21 Brighton, Colo., 19th Annual Purebred Holstein Calf Sale sponsored by Colorado Holstein-Friesian Ass'n, Phil Patterson, Sec'y, Fort Collins, Colo.

May 22 Oakville, Ont., (Municipal Arena) Canadian National Holstein Sale, Management L. E. Franklin, 170 Silver Birch Ave., Toronto.

May 23 Owatonna, Minn., Minnesota State Sale, R. W. Seath, Sec'y.

May 24 Watertown, Wis., Watertown Breeders' Sale, W. L. Baird & Francis Darcey, Watertown, Wis.

May 25 Ottawa, Ont., 7th All-Eastern Ontario Holstein Sale, R. Grant Smith, 59 Pearl Street E., Brockville, Ont., Fieldman.

May 26 Owatonna, Minn., Victor Calverley Dispersal.

May 27 Webster, N. Y., Dr. Walter J. Bernhardt Dispersal, Management R. Austin Backus, Mexico, N. Y.

May 31 Oakville, Ont., Sale Arena, 11th Oakville Consignment Sale at 7:30 P. M.

June 2 San Francisco, Calif., (Cow Palace) Golden West National Holstein Convention Sale.

June 10 Watertown, N. Y., 4th Dairyland Festival Sale, Management, R. Austin Backus, Mexico, N. Y.

June 10 Williamston, Mich., 24th Wolverine Sale, Management C. R. Smith.

June 15-16 Earlville, N. Y., 7th Super Duper and 241st Earlville Sale, R. Austin Backus, Mexico, N. Y., Sale Mgr.

June 23 Oakville, Ont., Roselawn Farms Dispersal, from Richmond Hill, Ont., management Hays Limited, Oakville, Ont.

June 23 Lancaster, Pa., 76th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

July 6 Earlville, N. Y., 242d Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

July 9 Williamston, Mich., 25th Wolverine Sale, Management C. B. Smith.

July 21 Lancaster, Pa., 77th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

July 27 Oakville, Ont., Sale Arena, 12th Oakville Consignment Sale at 7:30 P. M.

Aug. 3 Earlville, N. Y., 243d Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Aug. 15 Middletown, Pa., Grand View Farms All-Day Sale, C. S. Erb & Co.

Aug. 18 Lancaster, Pa., 78th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 1 Oakville, Ont., Sale Arena, 13th Oakville Consignment Sale at 7:30 P. M.

Sept. 2 Columbia, Mo., Missouri Holstein-Friesian Ass'n. Sale, Glenn G. Davis, Columbia, Mo., Sale Mgr.

Sept. 3 Waterloo, Iowa, (Dairy Cattle Congress Grounds) 15th Annual "Dairy Spot of Iowa" Sale, Claude E. Wylam, Waverly, Iowa, Mgr.

Sept. 7 Earlville, N. Y., 244th Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 22 Lancaster, Pa., 79th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 24 Gouverneur, N. Y., 6th St. Lawrence County Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 26 Palmyra, N. Y., (Fairgrounds) 2nd Wayne-Ontario County Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 28 Dunkirk, N. Y., 2nd Chautauqua County Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 1 Rhinebeck, N. Y., 11th Southeastern New York Breeders' Consignment Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 3 Walton, N. Y., 4th Delaware County Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 5 Oakville, Ont., Sale Arena, 14th Oakville Consignment Sale at 7:30 P. M.

Oct. 5-6 Earlville, N. Y., 245th Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 8 Mankato, Minn., 4th Annual South Central Minnesota Holstein Ass'n. Sale, Lyle Hohenstein, Vernon Center, Minn., Sec'y.

Oct. 8 Pontiac, Mich., Washington International Sale, Morris C Place, Secretary, Rochester, Mich.

Oct. 8 Schaghticoke, N. Y., 2nd Holser's Valley Sale, John Holser, Troy, N. Y.; Management R. Austin Backus, Mexico, N. Y.

Oct. 10 Middletown, Pa., Grand View Farms All-Day Sale, C. S. Erb & Co.

Oct. 15 Cobleskill, N. Y., 5th Schoharie County Holstein Club Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 17 Barron, Wis., The Barron Fall Sale, R. W. Koepp, Mgr Rice Lake, Wis.

Oct. 17 Williamston, Mich., Wolverine Fall Invitational Sale, C. B. Smith, Sale Mgr.

Oct. 17 Waterloo, Iowa, (Dairy Cattle Congress Grounds) Iowa Holstein Breeders' Ass'n., Fall Sale, Dallas V. McGinnis, Cor. Sec'y.

Oct. 19 Hornell, N. Y., 34th Annual Allegany-Steuben Holstein Sale, James A. Young, Sec'y, Angelica, N. Y.

Oct. 21 Beaver Dam, Wis., Dodge County Holstein Breeders' Ass'n Sale, Elsmer F. Berg, Sec'y, Brownsville, Wis.

Oct. 21 Springfield, Mass., Annual New England Fall Sale, Management New England States Holstein-Friesian Ass'n.

Oct. 22 Union Grove, Wis., (Fairgrounds) Racine County Sale, Thomas G. Ballack, R-1, Kansasville, Wis., Mgr.

Oct. 24 Davenport, Iowa, Alfred M. Paper Dispersal, A. W. Petersen and Associates, Sale Mgrs., Oconomowoc, Wis.

Oct. 24 Toronto, Ont., (Royal Winter Fair Coliseum) All-Canadian Holstein Sale, H. J. Colson, Toronto, Sec'y.

Oct. 25 Reckdale, N. Y., Peter Martens Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 27 Lancaster, Pa., 80th Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 28 Timonium, Md., Maryland Fall Holstein Sale, H. C. Barker, Sale Mgr., Frederick, Md.

Nov. 2 Earlville, N. Y., 246th Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Nov. 4 Paris, N. Y., 9th Oneida County Sale, Management R. Austin Backus, Mexico, N. Y.

Nov. 4 E. Lansing, Mich., Michigan Holstein-Friesian Ass'n., Fall Sale.

Nov. 5 Cary, Ill., Curtiss Candy Sale, Management Baird & Darcey, Waukesha, Wis.

Nov. 5 Chilton, Wis., Calumet "400" Sale, Leonard Seybold, Mgr., Forest Jct., Wis.

Nov. 7-8 Waukesha, Wis., U. S. National Blue Ribbon Sale, Management Baird & Darcey.

Nov. 9 Watertown, Wis., U. S. National Blue Ribbon Sale, Management Baird & Darcey.

Nov. 17 Lancaster, Pa., 81st Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Nov. 21 Middletown, Pa., Grand View Farms All-Day Sale, C. S. Erb & Co.

Dec. 1 Oakville, Ont., Sale Arena, 15th Consignment Sale and 1st Anniversary Sale at 1:00 P. M.

Dec. 3 Waterloo, Iowa, (Dairy Cattle Congress Grounds) Annual "Parade of Bulls" Show & Sale, Claude E. Wylam, Waverly, Iowa, Mgr.

Dec. 7-8 Earlville, N. Y., 247th Earlville Sale and Invitational Sale, Management R. Austin Backus, Mexico, N. Y.

Dec. 22 Lancaster, Pa., 82d Garden Spot Sale, Management R. Austin Backus, Mexico, N. Y.

Coming Events—

May 14-21 Kansas City, Missouri. First Annual American Royal Dairy Cattle Show, Holsteins judged by A. C. Thomson, 17-18.

May 21 Garden City, Minn., South Central Minnesota Black and White Show.

May 28 Richmond, Utah, 34th Annual Black & White Show.

May 31-June 1 San Francisco, Calif., Annual Convention The Holstein-Friesian Association of America.

June 16 Lenoir, N. C., State Holstein Field Day at Clover Hall Farms, (Mrs. L. T. Kountze).

July 16 Mooseheart, Illinois, Illinois Black and White Show.

Aug. 15 Hadley, Mass., Hartsbrook Farm, New England Field Day.

Sept. 18-24 Springfield, Mass., Eastern States Exposition, Prof. H. H. Kildee, Judge, Sept. 19-20.

Oct. 3-9 Waterloo, Iowa, Dairy Cattle Congress, G. E. Gordon, Judge, Oct. 6-7.

Oct. 7-15 Portland, Ore., Pacific International Livestock Exposition.

Oct. 8-15 Indianapolis, Ind., International Dairy Exposition, P. B. Misner, Judge, Oct. 12-14.

Oct. 14-21 Dallas, Texas, State Fair of Texas, Holsteins judged October 17.

Oct. 20 Springfield, Mass., Annual meeting New England States Holstein-Friesian Ass'n.

Oct. 28-Nov. 6 San Francisco, Calif., Cow Palace, Grand National Livestock Exposition.

BOUQUETS

From Geo. M. Drumm, Cal. Poly.:

I want to congratulate you on the very attractive issue featuring California. If you don't watch out, the Los Angeles Chamber of Commerce will be endeavoring to add you to their staff.

From Ray Ullmann, Michigan:

The pre-convention number just arrived at my desk and it is certainly a beautiful piece of journalism. You and your staff are to be congratulated on the production of such an excellent issue.

From Fred E. Hummel, Rainbow Dairy Farm, Illinois:

I write to congratulate you on the monthly articles by Albert M. Wolf, Farm Consultant, that have been appearing in the WORLD for some time. Some years ago I had the opportunity to meet Mr. Wolf and realized that he really knew his Holsteins. The articles indicate that he is also an economist. The letter by Mr. Wolf is the first item I read in your issue.

Compulsory Pasteurization

The great dairy state of Iowa has enacted, effective April 15, a compulsory pasteurization law covering all milk or cream which does not meet Grade A raw milk standards, as defined by the Secretary of Agriculture—and these rules are strict. All milk and milk products going into ice cream, buttermilk, and skimmed milk are required to be pasteurized.

Whole milk producers have traditionally opposed compulsory pasteurization, the statistics of milk-borne epidemics make quite a case for compulsory pasteurization, at the dealer level. Consumers are more health conscious than ever before in connection with the food they buy. They have become alarmed, perhaps unduly, over the dangers of contracting undulant fever from using unpasteurized milk. Thus the reassurance of pasteurization is an important factor in building increased consumption of milk and all dairy products. Extension of laws like those which Iowa has adopted to include the other big butter producing states would in our opinion definitely help us in the marketing job that lies ahead.

The Cover

This week's cover illustration honors the Richmond Utah Black and White Show. It is a snapshot of their aged cow class at the 1948 Show. There are many worthy beasts in the line and in the background the characteristic row of lombardy poplars—known as the Mormon Sentinals—a badge of the state of Utah.

The Richmond Black and White Show was started in 1915 and has been held annually ever since, with only a few breaks. From it has grown an idea that has become one of the bulwarks of our extension program. Its own area provides perhaps the best evidence of its value.

Here the Holstein interest has grown until the Richmond Show compares with the best of our State Fair exhibits. Their 1949 event on May 28 will be a most interesting stop on the route of the Holstein Special train to the San Francisco Convention. Eastern visitors can be assured that the Intermountain breeders will really extend themselves to put on a show of their cattle which you will not soon forget. It is their opportunity to make the Richmond Show a proper show window of their accomplishments as breeders.

Joseph C. McCarty

Word is received of the death of Joseph C. McCarty, 68, pioneer dairyman of Las Cruces, New Mexico. He had suffered a long illness. A native of Minnesota, Mr. McCarty had lived in New Mexico since 1914, and began breeding purebred Holstein cattle ten years later, when he formed McCarty's Dairy. He developed a substantial local retail outlet for his Holstein milk, and expanded it to a successful distributing corporation.

Mr. McCarty was a leader in the dairy organizations of his section, being president of the Dairy League covering his region, president of the Holstein-Friesian Association of New Mexico, president of his county Cow Testing Association, and of the local Farm Bureau, which was organized in his home. He was also very active in civic affairs and was a member of the Knights of Columbus and the Catholic church.

Surviving are his widow; one son, who is in the Air Force; also three sisters and four brothers.

Mr. McCarty had served on numerous occasions as a delegate from New Mexico to the Conventions of the Holstein-Friesian Association of America, and had many friends in the National Holstein field, with whom he became acquainted on those occasions.

Colonel George Baxter

George W. Baxter for many years a nationally-known livestock auctioneer, died April 9 in a hospital in his home city of Elmira, N. Y. He was 77 years old, and had been in ill health for the past two years as result of a fall in which some vertebrae were fractured. He had been hospitalized about three weeks.

He spent his early years in East Troy, Pa. After graduating from Troy High School he studied for a while at Genesee Wesleyan Seminary. Soon afterwards he entered the business of selling. He operated a store at east Troy and later sold musical instruments, sewing machines, and automobiles at Troy, Pa. He moved to Elmira in 1917. He had already started in the profession of livestock auctioneering, and the move to Elmira was made to bring him nearer the activities of New York State.

He worked closely with the rising young sale manager of that day, R. Austin Backus, and sold the first 65 sales in the well-known Earlville series. He also sold important sale events in Madison Square Garden and the National Sales at Chicago, Philadelphia, and Kansas City. In those days he was a commanding figure with his tall well-built figure, red cheeks, and snow white hair. He delighted in the title of "Colonel" an honorary designation of auctioneers much used in that day.

Later in life he turned his efforts to household auctioneering in his own locality. He still has many friends in the Holstein industry who will mourn his passing.

Round Table — —

COLLEGE CONTRIBUTION TO TESTING PROGRAM

Editor, Holstein-Friesian WORLD

I note what Mr. R. H. Jandebeur of North Platte, Nebraska has to say on the question of the testing policy in your issue of April 2, 1949. I do not wish to jump down his throat for this expression of his opinion. I should far rather swallow such criticism than to be swallowed by it; but, I do want to point out in this connection that far from being subsidized in this testing program the colleges who are supervising the program are contributing a great deal more financially to the program than any of the breeders concerned.

At the University of Illinois the testing fees which we charge for supervision are barely enough to pay for the supervisors which we have in the field and for about one-fourth of the clerical help used here in the office. In addition to that, the salary of the person who supervises the work in the state as well as other considerable expense involved in the Business Office in the collection and payment of moneys concerned with this budget altogether amounts to several thousand dollars each year, all of which must be paid by the taxpayers. When the matter is viewed in this light, it would seem that the colleges supervising official testing programs are at a considerable disadvantage financially and that the breeders should be more than willing to carry a part of this load.

M. H. ALEXANDER,
Superintendent of Official Testing.

Urbana, Illinois

SOME OBSERVATIONS ON BREEDING

Editor, The Holstein-Friesian World:

Observations of this letter are submitted for your publication for what they are worth merely as from a layman based upon experience and study working with Holsteins.

Many experiments have been made with a view of applying genetic rules of heredity in both cross breeding and line breeding of plants and animals. It seems to be well settled that in breeding flowers, grains, chickens, and guinea pigs, for instance, that certain fixed characteristics predominate. When the species produce a predominance of respective colors of flowers, barbs and numbers of rows of grain, character of combs of chickens and kind, color and features of pigs, such results offer proof of certain rules of breeding. After a series of experiments producing the same result, certain characteristics are ascertained as fixed and dominant.

In breeding dairy cows, we find conditions are more complex. The inheritance, we call the bloodline, representing family characteristics, is rarely fully known and correspondingly difficult of analysis especially with complete outcrosses. Proof that greater degree of performance coupled with superior conformation, as dairy cattle can oftentimes be found in several animals which are the offspring of the mating of such near relatives as half-brother and sister, full brother and sister, son and daughter and mother and son, adds light to the matter. It is said inbreeding may be thought of "as a means to encourage distinct families to wander from the breed average" some becoming superior and others inferior in many ways. Outbreeding, on the other hand, is a "tool for suddenly leveling and destroying these family differences" and starting over again with what amounts to a new family. The two in combination

To the Minnesota State Sale

May 23, 1949 — Owatonna, Minn.

FEMCO ALMAS ONLY SON

Eleanor Sethje Pride No. 2389349, born 12-17-41. She has two 500-lb. fat records and is on test again and making a good record. She was bred to Femco Almas Only Son, 1-13-19, our great Proven Senior Sire, who is the only sire whose first 2 dams average over 30,000 pounds of fat with a 4.1% test, and one only a Junior two-year-old.

Marlow Femco Alma Burke Flora No. 2876443, born 11-10-47. She is a daughter of Hartwood Marlow Prince Alma Burke, our Jr. Sire who is a grandson of Femco Almas Only Son and the "Gold Medal" Wisconsin Admiral Burke Lad. Her dam is a daughter of Femco Almas Only Son and had a record of 460.10 lbs. fat in 365 days as a 2-yr.-old with a 3.9% test and 11,875 lbs. milk.

Marlow Femco Alma Burke Walker No. 1018805, born 10-27-47, is a son of Hartwood Marlow Prince Alma Burke and Lena Inka Walker. His dam is now on test and in 158 days has 587.40 lbs. fat on 2X at 6 yrs., with a 5.3% test. She is off to a wonderful record this lactation and also has a 477-lb. and 580-lb. fat record.
FLASH! A daughter of Femco Almas Only Son—Westlake Pat Femco Alma—owned by C. L. Weston, Lakeside, Calif., has recently completed the following Record—365 days, 2½ years, 789.50 lbs. fat, 4.0% test and 19,754 lbs. milk. What a two-year-old!

DON'T MISS THIS OPPORTUNITY TO PURCHASE ANY OF THESE TOP BRED ANIMALS.

Marlow Holstein Farm No. 1 — Mankato, Minn.

J. C. Marlow, Owner — **John Rahbek, Operating Partner**

are referred to as "at the heart of modern (plant) breeding" and when an inbred line goes bad, resort is had to an occasional outbreeding cross to correct the defects or to bring in other desirable characters. So it is with animals in crossing two inbred families with different characters some of which are undesirable, "even though the genes involved cannot be identified, essentially it consists in breaking up undesirable gene combinations that have become fixed and introducing compensating or modifying factors from another family."

Fundamentally, as is stated, the various practical ways of improving the inheritance of a race or breed include selection, which means that some parents are deliberately caused to have many offspring, others few or none at all; inbreeding, or mating closely related animals, and its opposite, outbreeding; mating like to like regardless of pedigree; and mating unlike individuals regardless of pedigree. In dairying, the overall goal at all times is of course increased production followed as far as practicable with points of conformation associated with a cow's milking capacity such as strong straight backline, copious well-hung udder and deep girth giving plenty of room for heart and lung development, denoting a strong constitution, in turn evidencing vigor and ability to produce and reproduce. We seek to avoid undue coarseness or the other extreme of too pronounced fineness, constitution being of basic importance in our dairy cows.

Syracuse, N. Y. — Frank N. Decker

Common Sense Abbreviated

By ALLEN N. CRISSEY

You have asked, "What is the value of a good bull" That is the $64. riddle that people are asking themselves every day without realizing the import of the question.

Some say the value of a bull is what you can get for him in the breeders' market. The buyers, depending upon their needs and cash in hand, will set the value in the amount they are willing to pay. Of course you will try to get all you can for him, and whatever amount you receive; that is his value—

It is the amount you are entitled to. But here you see the "value" in this case has no constancy; it fluctuates widely from day to day in relation to the quality of salesmanship exerted by the owner and the knowledge, needs, and financial status of the buyer.

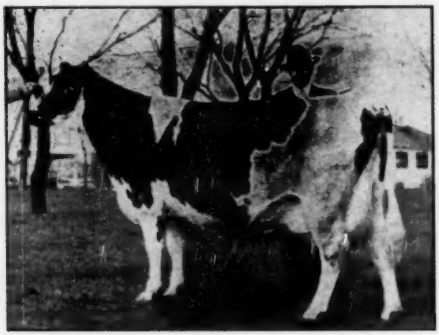
Perhaps the value of a bull is his utility value. How much can he earn for you? Well, who can answer that question? Can you? If he happens to raise production through his daughters making 100 pounds of butterfat or 2000 pounds of milk a year more than their dams he will be worth something, but his actual value depends upon many other things as well. The ability and resourcefulness of the owner; whether he capitalizes upon the ability of the bull, whether he tests his cows, how he feeds, whether he advertises and thereby receives more for the bull's sons and daughters, and upon many other factors.

Well, maybe the real value of a bull is what it costs to produce him and raise him. But since when has that idea been accepted as a moral claim to payment, either for bulls or other farm products? The public has no compunction about paying a price lower than the cost of production, especially when products are seeking a market.

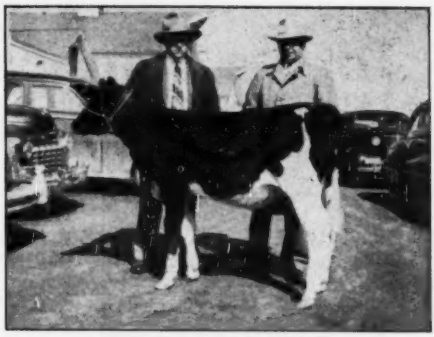
Bulls have many values. They have Market Value, Utility Value, Cost Value, Cumulative Value, Advertising Value, Inspirational Value, Intrinsic Value. It is interesting to observe that none of these values, in any of their varied forms, can be realized without the help of man. It's all right to say "The Bull Is Half Of The Herd" if you remember that "The Man Is Half Of The Bull."

One man pays $5000. for a bull and finds him a good investment, while another would have lost money at a price of $1,000. We often hear men exclaim, "Yes, I refused the offer; if he is worth so much to someone else he's worth just as much to me." Let me say right here that no greater fallacy was ever uttered. The value of a bull to **YOU** is partly dependent upon **YOU** and therefore is different from his value to everyone else. Maybe more, maybe less, depending upon **YOU.**

S'long,
Allen



NORTH STAR JULIE JOSEPHINE
top of the Illinois State Sale at Rockford April 16 at $1000 shown with her purchaser, Gilbert Merritt, Hermitage, Tennessee. Elmwood Farms, Lake Forest, Illinois, was the consignor.



CURTISS CANDY MASTER LASS
Six months old daughter of Curtiss Candy Masterpiece consigned to Ill. State sale by Curtiss Candy Company, the proceeds to go to the new Fox River Valley Livestock Center. Purchased by Merle Howard (at left) of Mooseheart for his six year old son, Harold. Delbert Kingston, Curtiss manager, at right.

Illinois State Sale

Catalog Summary

35 Females 2 Yrs. & Over	$17345	$459.00
(9 calves under 3 mos. s. w. d.)	925	104.00
5 Bred Yearlings	2050	410.00
10 Open Yearlings	2040	204.00
14 Heifer Calves over 3 mos.	3725	266.11
6 Bulls over 3 mos.	3250	541.67
70	$30145	$430.69

Following an unusual Good Friday blizzard, the Illinois State Sale was held on Saturday at the Hillman Farms near Rockford, with nearly ideal weather and with a crowd that taxed the capacity of the barns. While the average of $430.60 has been exceeded at previous state sales, the quality of the cattle this year was equal to if not better than any of the former sales and bidding moved along brickly to make the sale one of the best in history. The large proportion of young cattle was responsible for the apparent drop in average price.

The sale opened with an introduction by Vernon Smith of Green Top Farms, sale committee chairman. He was followed by Kent Ryan, sale manager who asked Delbert Kingston, Curtiss Candy Manager to make a few remarks on the proposed new Fox River Valley Livestock Center near St. Charles. After the explanation of this new venture members of the Holstein committee circulated thru the crowd with cards for making subscriptions to this project.

The sale started with the Curtiss Candy heifer on which proceeds were to be donated to the new sales center. This six months old daughter of Curtiss Candy Masterpiece brought $350 on the bid of Merle Howard of Mooseheart who purchased her for his six year old son, Harold.

Next on the selling order was Bob Howard's mysterious "Amy" (Old Mill Ormsby Amy Posch) and she was knocked off to Gilbert S. Merrit of Hermitage, Tennessee for $775. This figure was tops for females until Elmwood's cow, North Star Julie Josephine, a daughter of Dunloggin Conqueror, came into the ring late in the sale. She was due soon to the service of Skokie Prince Gracious and was sold to Mr. Merrit for $1,000. Mike Stewart of Iowa was contending bidder.

Elmwood also had the top in bulls, the young son of Dunloggin Lochinvar Prince selling to Bellwood Farms, Barrington, Illinois for $775. Second high for bulls was Curtiss Candy's son of Curtiss Candy D. A. Renown from the 589 pound two year old daughter of Montvic Rag Apple Sovereign taken at $625 by Les Geddes for his Lowridge herd at Winnebago, Ill. Considered by many as two of the sale bargains were the young son and daughter of Ravenglen Senator Triune of Ravenglen.

Mr. Merrit was the heaviest purchaser, his ten head totalling $5865. The only other out of state buyers were Vernon Small of Owenton, Kentucky; Earl Medsker, Sullivan, Indiana; and Leo J. Timmerman, Cuba City, Wisconsin.

At the close of the sale it was announced that the subscriptions to the St. Charles sales center amounted to over $6,000.

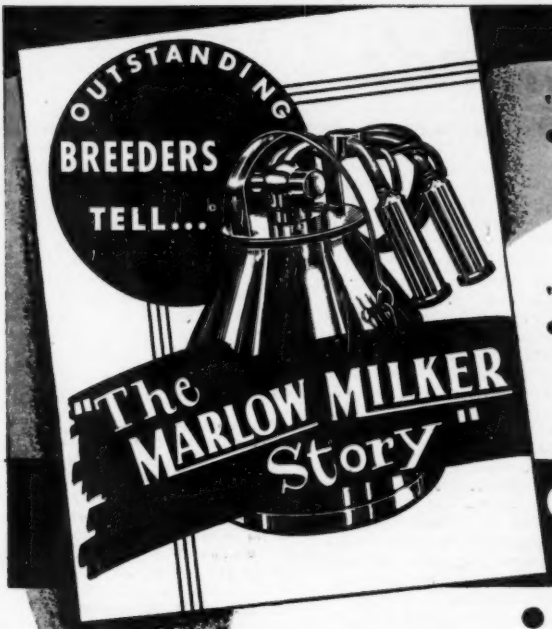
The auctioneer was J. E. Mack assisted by Horace Walker and Bud Seitz. A. C. "Whitie" Thomson of Hickory Creek made the announcements and read the pedigrees in a manner that apparently pleased both the consignors and the buyers.

The detailed list of buyers follow:

Gilbert S. Merritt, Hermitage, Tenn. (10)
North Star Julie Josephine (8-8-43) $1000
(Elmwood Farm, Lake Forest, Ill.)
Old Mill Ormsby Amy Posch (6-46) 775
(Robert B. Howard, Dundee, Ill.)
Desire Segis Hello (5-46) 630
(Dr. Karl A. Meyer, Kam Lake Farm, Gilman, Ill.)
Ormsby Montvic Canary De Kol (2-42) 600
(Curtiss Candy Co. Farms, Cary, Ill.)
Cardoa Star Lochinvar Judy Three (4-47) 540
(Dorothy Hammerstein, Cardoa Farm, Roselle, Ill.)
Arbolawn Governor Jean Susa (1-44) 520
(R. C. Washington, Creekdale Farm, Pecatonica, Ill.)
Whitill Pietje Posch (1-47) 505
(Wm. C. Wittmus & Son, David Nelson Farm, Harvard, Ill.)
Bellwood Farms, Barrington, Ill.
(M) Skokie Prince Senator (4-48) 775
(Elmwood Farms)
Leslie H. Geddes, Winnebago, Ill.
(M) Curtiss Candy Deen Judge (4-48) 625
(Curtiss Candy Co. Farm)
Robert C. McCulloch, Rockford, Ill.
(M) Hickory Creek Homestead Prince (12-48) 610
(Hickory Creek Farm, West McHenry, Ill.)

(Continued on page 35)

SKOKIE PRINCE SENATOR
Top bull at the Illinois sale, a 6 months old son of Dunloggin Lochinvar Prince consigned by Elmwood Farms, Lake Forest, and purchased by Bellwood Farms, Barrington, Ill.



"COWS RESPOND BETTER"

● *Glenn P. Kingsley, Green Fields, Rossville, Ga.:* "The MARLOW MILKER is still getting the milk very rapidly. The *cows respond* to it *much better* than any other machine I have ever used. It is less irritating to the cow. As I have always been a strong advocate of cow comfort, it pleases me immensely from that angle."

"MILKING WITHOUT HOBBLES"

● *Carl P. Hinn, Excelsior Springs, Mo.:* "We like the MARLOW MILKER very much. The cows like it better than the milker we used formerly. Several cows that we had to use hobbles on before we are now *milking without hobbles.* We have had no trace of mastitis since installing the MARLOW."

90 DAY MONEY-BACK GUARANTEE!

"LOWERED OUR BACTERIA COUNT"

● *Raymond W. Bollman, Edna, Kans.:* "When we installed our MARLOW MILKER it was taking 12 strainer pads to strain our milk. Two weeks later we were using only two. At the time we installed our MARLOW we were having one or more swollen quarters nearly every day. Since the MARLOW went in have had only four swollen quarters and they were during the first two weeks, *none since.* Another thing that the MARLOW MILKER has done—it has definitely *lowered our bacteria count.*"

"ELIMINATION OF MASTITIS"

● *E. Forrest Robertson, Long Grove, Iowa:* "Before using the MARLOW MILKER I had a lot of udder trouble. With the improvement in quality and texture of udders I feel sure that the MARLOW is the solution to the *elimination of mastitis* in my herd."

"GRADE A EVERY TIME"

● *Lind Brothers, Vernon Dale Farm, Viroqua, Wis.:* "Many of our good cows got mastitis, but after installing the MARLOW our mastitis disappeared. Cows really like to be milked with it, too. Since we installed our MARLOW, we have had *Grade A every time.* It is so easy to keep clean, no hidden corners for bacteria."

● A GOOD BUSINESS OPPORTUNITY FOR YOU!

The MARLOW sales organization offers a real opportunity for full or part time representatives. We prefer to work with dairymen who can really appreciate that the name MARLOW is going down in history for the greatest contribution ever made to the dairy industry. *WRITE TODAY!*

MARLOW MILKERS

Eliminate the Major Cause of MASTITIS

J. C. MARLOW

The knowledge gained by J. C. Marlow in 41 years of specialized experience servicing milking machines and breeding pure bred dairy cattle is built into the MARLOW—the *only* milker with *perfected low vacuum* and *other* MARLOW *features* working in the exact combination needed to eliminate the major cause of mastitis. The new, modern MARLOW prevents teat and udder injuries, increases milk production, and assures fast, easy, profitable milking. The MARLOW MILKER will make money for you from the first day that it is installed. And the MARLOW is the most easily cleaned milking machine manufactured anywhere today.

J.C. MARLOW MILKING MACHINE CO.

DEPT. W MANKATO, MINN.

Please send me the FREE booklet, "40 Years A Milker Man" —J. C. Marlow's helpful, interesting story of a career devoted to better, more profitable milking.

I am a dairyman ☐ I would like to sell Marlow Milkers ☐

Name_____

Town_____

State_____

MARLOW MILKER

DEFINITELY EASIEST ON UDDERS

News of the Trade

WILSON DISP. AV. $708

Sale Manager R. Austin Backus reports an average of $708 obtained in the J. H. Wilson & Sons Dispersal at Clinton, Pa., April 25. This herd, which has six times received the Progressive Breeders Registry award and with a 12-year herd average of 424 lbs. fat on strictly 2X, is one of Pennsylvania's well and favorably known herds and the dispersal attracted a tremendous crowd, estimated at between 800 and 900 people, from at least half a dozen states. Top of the sale was the herd sire, Silvis Farm Dean Var, a Lochinvar grandson, at $1,525 and five other animals reached the four-figure mark. The sale was under the joint management of Mr. Backus and the Pennsylvania Holstein Association. Detailed report is promised for a later issue.

MARYLAND HIR NEWS

The 29 cow herd of Frank G. Remsberg and Son, Middletown, Maryland has been officially reported with an average production of 503 pounds of fat on 2X milking. Three other herds in the same state have completed HIR averages over 400 pounds of fat. They are: Ray H. Smith, Frederick, with 418 of fat, Newton H. White, Jr., Mitchellville, with 406 of fat on 25 cows and the McDonogh School at McDonogh with an even 400 of fat on 36 cows.

The second consecutive Progressive Breeder award has been made to Ira D. Ifert, Middletown, Maryland; Mr. Ifert and his sons own the famous Hickoryvale herd and their last HIR average was 451.9 pounds of fat for 38 head with an average classification score of 82 points.

GOLDEN STATE NOTES

The official announcement has just been made that Jas. W. C. Pogue, Exeter, California who recently sold his famous Rocky Hill herd of Holsteins to the Borrers of Springville, California, was awarded his third Progressive Breeder award. The last classification score on the herd was 84.7 points.

HIR records officially reported on California cows include the 991 pound fat record of the Excellent Vernway Ideal Lad Hazel and the 806 pound 2 year old record of Polytechnic Bess Fayne, both cows shown on WORLD cover April 16. Another heavy producer was Inyolocco Irma Burke owned by Inyolocco Farms, Davis, with 783 pounds of fat at 3 years, 7 months on 2X milking.

Herd averages completed recently were: Harold J. Schmidt, Modesto, 468 pounds of fat on 27 cows on 2X; and Sanford Hedegard, Manteca, 405 pounds on 9 cows on 2X.

NOTES FROM NORTHWEST

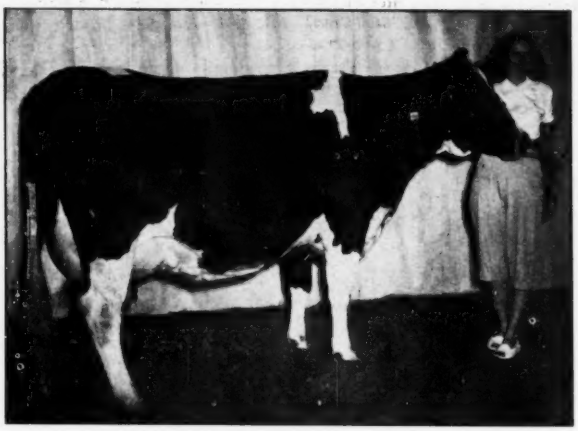
Commendable herd averages for Washington are those of Martin Treosti, Carnation, with 456 pounds of fat on 41 cows, 2X; Emil Youngquist, Mt. Vernon, 440 pounds of fat on 20 cows, 2X; and A. H. Posten & Sons, Spokane, 431 pounds of fat on 34 cows, 2X. Two Idaho herds have been announced over 400 of fat. They are Thomas E. Maberly, Rupert with 478 pounds of fat on 6 cows and Snorre Ericksen, Buhl, with 454 pounds of fat on 11 cows. The 24 cow herd of Albert J. Evers, Forest Grove, Oregon has been reported out with a record of 473 pounds of fat, 2X.

Individual HIR records for Oregon include 782 pounds of fat on 3X for Lone Fir Josephine Sally and 648 pounds of fat, 3X, for Lone Fir Monogram Lottie, both owned by Lindow Brothers, Portland, while A. P. Ireland & Son, Forest Grove, has three cows from 525 to 585 pounds of fat on 2X. In Washington, Maid O'Clover Dairy Ranch of Wapato has made a 2X record of 650 pounds of fat on Tieton Superior Martha.

CORRECTION IN PEDIGREE STATEMENT

Leo Blanding of the Advanced Registry Department calls our atention to an error in our announcement on Page 129 of the April 2 issue relative to the pedigrees of the two Gold Medal sires mentioned, Newmont Aristocrat and Newmont Trixy Ormsby Prince. We stated erroneously that they were maternal brothers. The correct information is that the sire of Newmont Trixy Ormsby Prince was a maternal brother of Newmont Aristocrat, both being out of the great breeding matron, Trixy Ormsby Beets who is one of the best known daughters of Ormsby Sensation 45th.

Three Kansas herds have been announced as completing HIR averages of over 400 pounds of fat. They are: Kansas State College, Manhattan—21 cows—426 pounds of fat; Wallace J. Beckner, Belle Plaine—13 cows—408 pounds of fat; and W. G. Bircher & Sons, Ellsworth—24 cows—401 pounds of fat. All herds made their records on 2X milkings.



TWO LOVELY QUEENS

One is Miss Dona (CQ) Grace Burbage, queen of California State Polytechnic College's 17th annual Poly Royal celebration, April 29 and 30, in San Luis Obispo. The other is a leading member of the college's record-breaking Holstein dairy herd, Polytechnic Bess Beauty Wayne, 2569950, with an H T record at 2 yr. 7 mo. of 23,737 lbs. milk, 884.8 lbs. fat in 365 days (3X) — Second high in the nation in Herd Test.
Since the college has an all-male student body of 2,600 students, a coed is "borrowed" from another state college to reign at the annual "County Fair on a College Campus." Miss Burbage was chosen this year from Humboldt State College in Arcata, Calif. She will receive her crown from Miss Pat Walker, student at Chico State College and queen of the 1948 celebration, at the 1949 Poly Royal on April 29 and 30.
The celebration is a regular, extra-curricular activity of the student body, and it is planned, managed and directed by student leaders from every one of the eleven agricultural, eight engineering and five science and humanities departments of the college as a "show window" of the educational progress of the college, recognized nationally as a pioneer and model of vocational education on the college level.

Honor List Point Winners

In our haste to meet the deadline last time with our story of the Honor List Owners of 1948, we did not take time to work up our usual table of the leading point-winning animals of the year. Referring back to the table on page 19 of our April 16 issue, which gives us the method of computing points, we find two cows tied for the lead with 83 points each—Pinelee Posch Millie Girl, owned by Charles R. Hope & Son, Purcellville, Va., and U N H Perfection Echo, bred and owned by University of New Hampshire, Durham. The former scored 42 points in the 305-day division and 41 in the yearly division, while the New Hampshire cow scored 43 in the 305-day and 40 in the yearly division. In third place with 77 points was last year's top winner, Nell Pansy Burton De Kol, owned by Harvey A. Nelson & Sons, Union Grove, Wis. Her score of 75 points last year was good enough to win, but this year, so tough was the competition that the even higher score of 77 could do no better than third place. A sister to Nell in the Nelson herd, Gray View Joan Pansy, with 71 points lost fourth place by a margin of one point, to Pabst Roamer Pride Louise (72 points), bred and owned by Pabst Farms, Inc.

High score of the year for a single record was 55 points, scored on the yearly rfecord of Mendocino Meg Faynette. Second high on a single record was the 44 score of California Gerben Flora, bred and owned by University of California, Davis.

LEADING HONOR LIST POINTS WINNERS 1948

Cow and Owner	305d	365d	Total
Pinelee Posch Millie Girl Charles R. Hope and Son, Purcellville, Va.	42	41	83
U N H Perfection Echo Univ. of N. H., Durham, N. H.	43	40	83
Nell Pansy Burton De Kol Harvey A. Nelson and Sons, Union Grove, Wis.	40	37	77
Pabst Roamer Pride Louise Pabst Farms, Inc., Oconomowoc, Wis.	41	31	72
Gray View Joan Pansy Harvey A. Nelson and Sons, Union Grove, Wis.	36	35	71
U N H Model Johanna M. F. Allen, Durham, N. H.	39	27	66
DuPage River Gypsie Ormsby DuPage River Farm, Joliet, Ill.	34	31	65
Wern Farms Felecia Ormsby John M. Stoffell, Knoxville, Tenn.	36	27	63
Kneedmore Florence Salo Kneedmore Holstein Farms, Pittsford, Mich.	29	30	59
Wisfob Hello Ollie Good Luck W. W. Evans, Fall River, Wis.	32	25	57
Lady Ootsie Mercedes 2d The Neal Farms, Waco, Texas	29	26	55
Mendocino Meg Faynette Mendocino State Hospital, Talmage, Calif.	0	55	55
Winterthur Winner Fobes Yaylo H. F. duPont, Winterthur, Del.	31	23	54
Sinking Springs Ormsby Lassie Louis J. Appell, York, Pa.	27	26	53
Bayport Homestead Gettina Minnesota State Prison, Stillwater, Minn.	26	22	48
Ann Sovereign Amcana Farms, East Morris, Conn.	26	21	47
Bess Ormsby Queen Blood G. F. Walters & Son, Waterloo, Iowa	26	21	47
Erindale Lauxmont Dunloggin Flora F. K. Merkley, Flint, Mich.	24	23	47
Silvis Farm Susette Esteem Silvis Farms, Inc., Greensburg, Pa.	25	21	46
Carnation Inka Homestead Mildred Carnation Milk Farms, Seattle, Wash.	23	22	45
Lady Burke Di-Gerben Colantha Bess U. S. Dairy Division, Beltsville, Md.	23	22	45
Reformatory Winona Aag Inka Michigan Reformatory, Ionia, Mich.	25	20	45
California Gerben Flora Univ. of California, Davis, Calif.	44	0	44
Carnation Homestead Wayne Carnation Milk Farms, Seattle, Wash.	22	22	44
Kyland Lady Burke W. D. Kyle, Jr., Oconomowoc, Wis.	23	21	44
Pabst Roamer Paulsader Wayne Pabst Farms, Inc., Oconomowoc, Wis.	27	17	44
Bess Skylark Ormsby Dora G. F. Walters & Son, Waterloo, Iowa	0	43	43
Mendocino Mollie Mate Mendocino State Hospital, Talmage, Calif.	0	43	43
Napstahos Hattie Gettie Pontiac Napa State Hospital, Imola, Calif.	0	43	43
Stockton Julia Hank Stockton State Hospital, Stockton, Calif.	25	18	43
Windy Shade Wayne Canary Pietertje Sam J. Johnson, West Chester, Ohio	21	22	43
Bonnie Brae Perfection Spofford Roy Eddlemon, Nampa, Idaho	0	42	42
Doradella Colantha Fobes Norman E. Rishel, York, Pa.	23	19	42
Mendocino De Kol Maid Mendocina State Hospital, Talmage, Calif.	22	20	42
Windy Shade Wayne Canary Posch Sam J. Johnson, West Chester, Ohio	23	19	42
North Carolina Echo 8th N. C. State College, Raleigh, N. C.	24	17	41
S P S M Princess Ideal Fayne State Prison of So. Mich., Jackson, Mich.	22	19	41
S P S M Marathon Butter Girl	0	40	40

Illinois State Sale

(Continued from page 32)

Otto Nagen Knecht & Son, Milldgeville, Ill.
Raywill Chieftain Silver Remodel (11-46) 560
(Dickman Bros., Raywill Dairy Farm, Herscher, Ill.)

Poe O. Newkomm, Onarga, Ill.
Arbolawn Sylvia Belle (10-46) 520
(R. C. Washington)

Ostman Farm, Dundee, Ill. (5)
Ravenglen Hartog Koranna (11-46) 510
(Ravenglen Farms, Antioch, Ill.)

J. C. Horsington, Leaf River, Ill.
Amestead Miss Ormsby (2-46) 505
(Alfred H. Ames, Amestead Farm, Zion, Ill.)

Walter Wetzel, Waterloo, Ill.
Milford Burke Artis (10-44) 500
(Mooseheart, Mooseheart, Ill.)
Joan Marben Burke (8-46) 500
(Eugene F. Langholf, Pecatonica, Ill)

Donald Schumacher, Maple Park, Ill.
Lilac Hill Bess Fobes Josie (7-46) 500
(Harry Wegener, Lilac Hill Farm, Ingleside, Ill.)

Other buyers were: Harry B. Jones, Genoa; Jean Lange, Dundee; Oscar Koenig, Tampico; Mooseheart Farms, Mooseheart; Richard D. Mathews, Huntley; Thomas Dunne, Plano; Wayne Nilbe, Neponset; Chas. Nelson, Hennepin; Loren R. Hoge, Haron; Ainey Hargrove, Erie; Warren Miller Neponset; Howard Farm, Dundee; David H. Clark, Union; Carson D. Cross, Rockford; Wm. Cox, Freeport; Clarence Banshingy, Shabbona; Arden Bolley, Niota; J. L. Frederich, Walnut; Wm. Fupe, Cropsey; Orville Goodenough, Morrison; Elmer A. Frerichs, Litchfield; Allan E. Fleming, Marengo; Edwin Ogren, Batavia; Thomas W. Priddle, Litchfield; Hans Peterson, Capron; Warren Miller, Pekin; C. A. Saunder, Le Roy Sander, Tremont; Walter Stoeven, Beecher; Jack Wirts, McHenry; Leonard Wolf, Hennepin; Lawrence Wilcox, Marengo; Wesner & Jensen, Reddick; A. F. Potter, Barrington; Malcolm R. Coombert, Freeport; Elsie DuMont, Mt. Morris; Wm. Hartke Jr., Litchfield; Seeber Bros., Champaign; James L. Turny, Belvedere; Dr. E. S. Thomas, Polo, Ill.; Earl Medsker, Sullivan; Carl Nedskee, Sullivan, Ind.; Leo J. Timmerman, Cuba City, Wis.; Vernon Small, Owenton, Ky.

CARNATION ESCAPES EARTHQUAKE DAMAGE

The following letter from Russ Pfeiffer, manager of Carnation Milk Farms, will be of special interest:

"I am happy to be able to report to you that the damage from the recent earthquake was very minor at Carnation Milk Farms. Probably most of the damage was to our nervous systems during the actual time of the quake, which lasted about two minutes. The only damage that we can find on the farm has been to the plaster in our new bunkhouse which was cracked and torn in several places. Otherwise, the farm seems to be pretty well intact. We wondered at the time of the earthquake, inasmuch as it lasted so long, how many of our buildings on the West Hill would stay there for very long. Therefore, we are happy to report no serious damage, whatsoever.

"Many buildings in Seattle and Olympia, our State Captial City, were severely damaged. In fact, the old State Capitol and the new State Capitol, which was built a few years ago at a seven million figure, have both been evacuated because of damage done by the earthquake. The Red Cross reports some 1100 homes in the state of Washington damaged severely by the quake. It was the worst one that this state has ever had in its history."

Index of Advertisers ---

A

All-Eastern Ontario Sale 80
American Dairy Ass'n 97
Anchor Serum Co. (Mastitis 107
Anchor Serum Co., (Penicillin) 109
Anderson, Geo. W. 104
Anderson, Fred C. 78

B

Backus Pedigree Co. 108
Baird & Darcey 113
Baker, W. A. 113
B & R Cattle Exporters 110
Barker, H. C. 112
Bell, John A. Jr. 91
Bellwood Farms 98
Bernhardt Dispersal 84
Bo-Cann Farms 8
Bond Haven Farm 70, 71
Breeders' Directory 111
Briarkill Farm 92
Broad Rock Farm 3
Brower Mfg. Co. 109
Brown Corp. 68
Buck, J. Harold 42
Butterfly Farms 116

C

Calverley Dispersal 79
Canadian National Sale 65, 67
Carnation Milk Farms 18
Christoph Farms 98
Claybank Farm 72
Conde' Milking Machine Co. 72
Cornell Farms 46
Cortland Holstein Bull Ass'n 17
Cotton & Son, R. L. 102
Cowphilosophy 114
Crawford Farms 15
Curtiss Candy Co. Farms 10

D

Dairy Vac 57
Dane County H.-F. Breeders' Ass'n 110
Dent, T. R. 74
Dunbar & Middleton Farms 86
Dunloggins of Ohio 11
Du Page River Farms 8

E

Earlville Super Duper 81, 83
Eastern Iowa Artificial Breeding Ass'n 102
Eglantiers, Dr. 76
Elgin County Holstein Breeders' Club 110
Elmcroft Farm 75
Elmwood Farms 45
Everly Sale Service, R. E. 113

F

Father Flanagan's Boy's Home 101
Farnam Equipment Co. 102
Fenstermaker, J. O. 110
Fergusson, J. W. 110
Fox River Valley Holstein-Friesian Ass'n 110
Franklin Serum Co. 109
Frederick County Sale 15
Freel Bros. 68

G

Garden Spot Sale 84
Gilkey Farms 13
Glenafton Farm 69
Golden Arrow Farms 107

H

Hales & Hunter Co. 107
Harden Farms 61, 64
Hart, Douglas 104
Hawkherst Farm 74
Hays Limited Export Dept. 113
Hedge, The 94
Hickory Creek Farms 63
Holstein-Friesian Ass'n of America 6
Holstein-Friesian Ass'n of Canada 105
Holstein-Friesian World 16, 106
Hy-Up Farms 86

I

Inter-County Dairy Cattle Ass'n .. 112
Innis, Speiden & Con. 105

J

Jefferson County Holstein-Friesian Ass'n 110
Jenniton Dairy Farms 78
Johnson & Johnson Co. 7
Jones, J. Walter 77

K

Kam Lake Farm 101
Kelco Farm 93
Kent County Holstein Breeders' Ass'n., Inc. 110
Knollwood Farm 49
Kutschback Dispersal 88, 89

L

Laacke Co., R. 103
Lakeland Farm Dispersal 87
Le Gear Medicine Co., Dr. 103

M

Maenke, Reinhard 104
Mallary Farm 90
Marlow Co., J. C. 83
Mayer & Sons, Christ A. 100
Marlow Holstein Farms 31
Maytag Dairy Farms, Inc. 2
Michael, Guy E. 85
Michigan State Institutions 12
Minnesota State Sale 50, 53
Moonlit Dale Dairy Farm 100

N

National Convention Sale 37, 42
National Pedigree Co. 108
New Jersey State Sale 90
N. Y. Holstein-Friesian Ass'n 92
Nutritional Research Associates ... 107

O

Oosterhuis Farms 5
Osborn, Leland J. 112
Osborndale Farm 3

P

Pabst Farms, Inc. 4
Papec Machine Co. 107
Petersen, A. W., & Associates .. 113, 55
Perth County Holstein Breeders' Ass'n 110
Pleck Vacuum Blower 103
Pollard, A. C. 46

R

Ramsay, Roland 104
Ravenglen Farms 47
Rawleigh Co., W. T. 100
Rayulman Farms 9
Regasborne Farms 72
Robson, Ralph 43
Rock Co. Asylum & Home 12
Rondout Cooperative Bull Ass'n .. 14

S

Sanger, Paul 112
Shangri-la Dispersal 96
Shore, Hardy 110
Sleepy Hollow Certified Milk Co. .. 44
Smith, C. B. 110
Spencer Bros., Inc. 103
Sprunger, S. C. 110
Strohmeyer & Carpenter, Inc. 110
Swenson, Jr., Carl H. 95

T

Taylor, Harold D. 43

U

Unadilla Farm 45
Utah Breeders 43
Utah State Industrial School 43

V

Verpana Farm 105
Voshburgh, Charles 110

W

Wait Farms 17
Waterloo Pedigree Co. 108
Watertown Bull Club 95
Western Condensing Co. 99
Weston Mfg. Co. 109
Wetmore, F. C. 110
Winterthur Farms 115
Wisconsin Breeders' Sale 101
Wisconsin State Dept. of Public Welfare 5
Wolverine Classic, 3rd ... 58, 59, 60, 63

Z

Zeldenrust Farm 75

PREVIEW OF THE FORTHCOMING RICHMOND, UTAH BLACK AND WHITE SHOW

By H. ALLEN SHUMATE, Fieldman

On May 28th of this year the delegates enroute to the National Convention in San Francisco will stop off in Utah to see the oldest and largest Black and White Show in America — the 34th Richmond Black and White Show.

Little did the original founders of the Richmond Black and White Show realize back in March, 1915 they were starting a show that would grow to be the largest (and of course here in the West we know it to be the best) show of its kind. They also set a pattern for other districts to follow in showing Holstein-Friesian cattle to the public. The original founders were: C. L. Funk; M. F. Budlen, A. L. Harris, J. W. Hendricks, P. N. Nelson, J. L. McCarey, Earl Robinson, O. D. Murill, N. K. Nelson, S. H. Whittle and George O. Webb.

Richmond is located in the northern part of the Cache Valley (pronounced "Cash") which is in northern Utah and is also a small part of Southern Idaho. This valley derives its name from the fact that the early day trappers would cache their furs there during the trapping seasons.

Utah was one of the earliest territories of the western country to be settled. Two years ago she had her Centennial Celebration celebrating the arrival of Brigham Young and his follower in Utah.

Holsteins predominate in the valley. The world's largest cheese factory is located a few miles from Smithfield (five miles south of Richmond) and several condensaries take all the milk.

To this Black and White Show must go the credit for the high quality cattle to be found in Utah. The breeders have brought in good bulls and are constantly improving their cattle. More prestige is gained by a win at this show than at any other in the Intermountain area.

The dairy farms in the Cache Valley are operated on a different basis than in any other district in the country. All the farm buildings and the homes are built within a village and the farmlands are usually two or more miles away. This makes it necessary to haul the feed to the cows and then the manure has to be hauled back to the fields. This practice was started by the original settlers because they always had to be on the alert for Indians and would leave their families and their stock in the stockade, or what are now the villages, and go work in the various fields in a group.

Most of the work is done by the family, and the principal method of handling the cattle is the open shed with a small milking barn. Home grown grains with corn silage and alfalfa hay are the main feeds used.

To the Mormons must go credit for the development of irrigation in the West. Water is the life blood of the West and they have developed irrigation to a high degree of efficiency.

Bloodlines predominating in Utah are

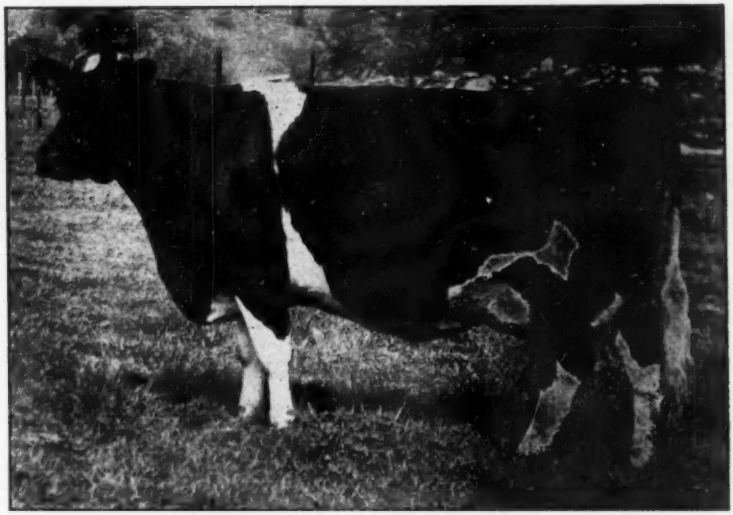
(Continued on page 84)

GOLDEN WEST

National Convention Sale

JUNE 2—COW PALACE—SAN FRANCISCO

Featuring the 1947 All-American 4-Yr.-Old



ROCKY HILL MONT BURKE DUSTY JO 2354013

Best Uddered Cow, Senior and Grand Champion at the Grand National and California State Fair, 1947, and All-American 4-yr.-old that year. 555.6 lbs. fat, 4% test at 3y. A daughter of the Gold Medal Sire, Montvic Bonheur Abbekerk (maternal brother to Sovereign and Marksman out of Montvic Rag Apple Colantha Abbekerk). Her dam is a 594-lb. fat 2-yr.-old daughter of Wisconsin Admiral Burke Lad (GM). The son and the full brother to "Dusty Jo" are two of the most-popular young sires in the West, Junior sires in the great PBR Rocky Hill Farms herd now owned by Mark and Bruce Borror, Sequoia Ranch, Springville, Calif., who consign "Dusty Jo."

ALSO FROM SEQUOIA RANCH—Rocky Hill Mont Bessie Fayne (VG), 559-lb. fat daughter of Montvic Bonheur Abbekerk out of a granddaughter of Ridgeport Canary Fayne (E). She and her sister were Hon. Men. All-American Produce of Dam in 1947! She and "Dusty Jo" were both members of the 1947 Reserve All-American Get of Sire.

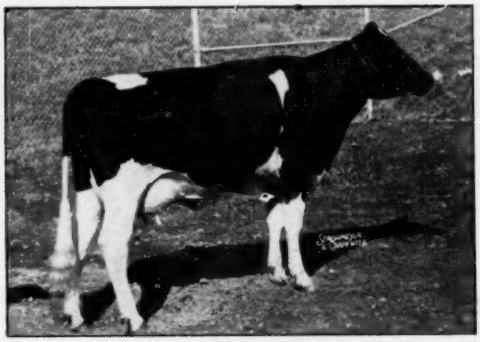
A Parade of Holstein Royalty

FROM 13 STATES

Montana to Kansas — Vermont to Oregon

Study These Top Consignments

— SELLING —



SUTTEN OAKS VAR LUCINDA
Born Oct. 19, 1945. A daughter of Dunloggin Strath Var, who is a son of "Lochinvar" from Dunloggin Mistress Ruth. She was 1st prize 2-yr.-old at Fresno and Tulare Co. Fairs, 3rd at the Grand National, and 2nd prize "Best Udder" at the Grand National, 1948. Making a fine 1st calf record. Her 9-months-old daughter also consigned, along with a springing paternal sister from a 500-lb. dam, a prospect for the 2-year-old classes.

—J. A. Sutten, Visalia, Calif.

LINDOW BROS., Portland, Ore.
The best bred 2-year-old on their farm. She was 1st prize heifer calf, Oregon State Fair, 1948, 3rd at the P. I. Her dam is an 810-lb. fat 4.2% daughter of the Gold Medal Sire, Long Fir Sir Johanna Tony 4th. She is sired by a "VG" son of the Gold Medal Sire, Sir Governor Inka. Her sire is a grandson of the "Excellent" Ormsby Aaggie Tilda,

ADOLPH BENTER, Creswell, Ore.
An outstanding mature daughter of Noble Uniforum, grand grand at the 1946 Oregon State Fair.

ROBSON BROS., Plain City, Utah
A sensational bred heifer born Sept. 28, 1947, sired by the "VG" full brother to Rocky Hill Mont Burke Dusty Jo (All-American 4-yr.-old 1947). The dam is a "VG" granddaughter of "Burke" from a fine cow family.

MERRILL WARNICK, Pleasant Grove, Utah
A splendid bred heifer sired by Edgemont Black Chief, a sire of outstanding show cattle and whose 6 nearest tested dams average 754.9 lbs. fat. Her dam is a 523-lb. fat 2X granddaughter of Governor of Carnation.

R. A. SHUMATE & SON, Helena, Mont.
An open yearling heifer sired by Mallrose Ormsby Rube (VG), son of the Excellent Gold Medal Sire, Hallrose Progressor. Her dam is a 625-lb. fat, 2X 4-yr.-old.

FRANK HOPKINS & SONS, San Jose, Calif.
A yearling daughter of Weber Perfecto Burke Pepper (double grandson of "Burke") out of a "VG" 617-lb. fat daughter of Lyons Ormsby Prince (GM). Also—a son of "Pepper" (above) out of a "VG" 773-lb. fat daughter of the Gold Medal Lyons Ormsby Prince.

KIDD FARMS, Modesto, Calif.
A "VG" 561-lb. fat 2X 3-yr.-old producer bred to the "Excellent" sire, Duke Hiske Inka Belle 20th and due early in July.

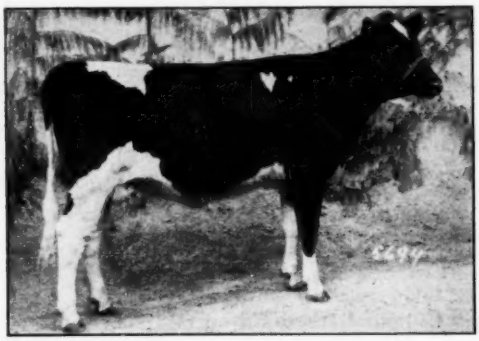
LEON GARDNER, Deweyville, Utah
A bred 2-year-old heifer sired by Weber Burke Frost (son of "Burke"). Her dam is a daughter of Weber Burke Perfection with 516 and 506 lbs. fat on 2X. This is an outstanding heifer, splendidly bred, one of the top things in the sale.

UTAH STATE INDUSTRIAL SCHOOL, Ogden
An August 1948 daughter of Pabst Governor (son of "Burke") out of the Excellent Weber Double Cameo, she by a son of Weber Burke Pride (E.). She carries three crosses to "Burke."

EMIL YOUNGQUIST, Mt. Vernon, Wash.
An outstanding 2-year-old bred heifer by Los Robles Ormsby Gerben Lyons ("Cocky"—son of Lyons Ormsby Prince—G.M.) and out of the outstanding producer Vernway Homestead Tiny with 123,971 lbs. milk and 3874 lbs. fat in 9 lactations.

WM. WALTER, Lemoore, Calif.
A yearling daughter of a "VG" 783-lb. 2X (355d) producer, sired by a "VG" son of a 700-lb. 3.8% dam.

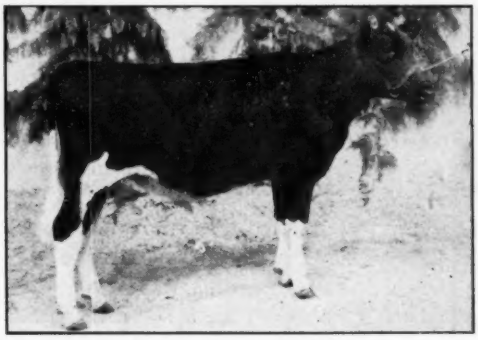
— SELLING —



CARNATION PRINCESS SKYLARK
A bred heifer by "Revelation" and out of a 524-lb. 4.1% 2-year-old daughter of "Renown." Next dam with 900 lbs. fat; "Revelation's" dam with 1174 lbs. She carries 3 crosses to "overnor."

—Carnation Milk Farms, Seattle.

— SELLING —



CARNATION VIOLET WAYNE
A yearling daughter of Carnation Imperial Madcap Lad out of a 962-lb. fat 6-year-old daughter of "Peerless." Her 9 months old paternal sister topped the Oklahoma State Sale at $2050.

—Carnation Milk Farms, Seattle.

85 Hand-Picked Representatives

FROM 80 LEADING HERDS

Distance Doesn't Matter When Quality is High

Many Will Be Pictured Next Time

MRS. J. W. TAYLOR, Visalia, Calif.

An outstanding bred 2-year-old that could top this sale. Sired by Sir Taylaker Ormsby Gettie 19th (VG), son of the "VG-GM" "Gettie" bull and grandson of the "GM" sire, Taylaker Astrea Ormsby Blossom Jim. Her dam a "VG" 616-lb. fat 4-yr.-old daughter of "Blossom Jim" (above) from a 635-lb. fat daughter of "Gettie."

SPRING CREEK RANCH, Ogden, Utah

A bred heifer sired by Pabst Governor (son of "Burke") and out of a 621-lb. fat 4-yr.-old that was 2nd on the 1948 Honor List as a junior 4-year-old, 2X, 305 days, with 583.6 lbs. fat, 3.9% test, she a granddaughter of Sir Bess Ormsby Fobes 73rd.

WACKERMAN BROS., Orland, Calif.

A September 1948 daughter of Weber Burke Comet (son of "Burke" and full brother to Weber Burke Zila (E.). This heifer's dam is a "VG" 612-lb. 4-yr.-old on 2X, a granddaughter of the "GM" sire, Sir Bess Gettie of Taylaker 2nd.

LEO HEDEGARD, Modesto, Calif.

Two head. (1) A springing second calf heifer with 413 lbs. fat to date in 294 days. She is sired by an outstanding son of "Cocky" (Los Robles Ormsby Gerben Lyons). Her dam is out of one of Hedegard's good cow families. (2) A Sept. 1948 heifer calf sired by Olga Dividend whose 7 nearest dams average 869 lbs. and whose own dam is a "VG" 956-lb. fat producer on 2X at 4½ years. This Mendocino-bred heifer is out of a "GP" 520-lb. fat 4-yr.-old.

PLOWMAN BROS., Smithfield, Utah

Their outstanding daughter of Carnation Standard Imperial was 1st prize junior yearling at Cache Co. Fair last year. Her maternal sister was 1st prize 3-yr.-old at Utah State Fair. She is bred and will make a fine 2-year-old for the 1949 shows. Her dam has 501 lbs. fat as a 2-yr.-old.

JOE TRINDADE, Jr., Merced, Calif.

We picked Joe's herd when we got this one. She has to date as a 2-yr.-old: 273d, 534.7 fat, 4.3% test. She will finish with close to 600 lbs. and is due in July to the service of a "VG" double grandson of "Burke."

CLARENCE DIRKS, Stanwood, Wash.

"The City-Bred Farmer on Puget Sound" sends a daughter of Carnation Revelation born Dec. 8, 1948, out of a 451-lb. fat junior 2-year-old daughter of Governor of Carnation.

— SELLING —

PANSCO GOLD HADEL ORMSBY
California's highest record jr. 2yr.-old with 689.4 fat, 4%, 17049 milk at 2y 5m. By Pansco Hazel Designer (E), and from a 686-lb. VG daughter of Pansco Charlotte Fairmont. Her sire's dam is Excellent, 1029.8-lb. Pansco Hazel with 210,000 lbs. milk and 7585.7 fat (and still going)!
—F. L. Pellissier, Whittier, Calif.

— SELLING —

WEBER ADMIRAL BURKE ELSIE
A beautiful daughter of Pabst Governor (son of "Burke") out of a "VG" full sister to Weber Burke Clover Lad (Silver Medal Production Sire). She is a double granddaughter of "Burke." Born April 29, 1946. Selling open.
—Edgewood Hall, Providence, Utah.

TREOSTIVILLE FARM, Carnation, Wash.

A springing heifer by a son of Hallrose Progressor.

ARIZONA STATE COLLEGE, Tempe

An open yearling daughter of the intense inbred Admiral bull, Jule King Admiral. Her dam is a "VG" 458-lb. fat 3-year-old.

ADOHR FARMS, Camarillo, Calif.

A 620-lb. fat senior 3-year-old daughter of Carnation Governor Pontiac out of a 575-lb. fat junior 3-year-old. Selling open.

CHEATHAM DAIRY, Laveen, Ariz.

A 2-yr.-old bred heifer sired by a son of "Burke" and from an intense Ormsby family. Bred to an "Admiral" sire whose dam has 640 lbs. fat. Look this one over carefully—she's tops!

— SELLING —

WEARY RIVER GOVERNESS RACHEL VG)
A "Very Good" cow with 755 lbs. fat and other records of 693 and 540 lbs. She is a granddaughter of Governor of Carnation and her dam is a lifetime producer with 102,187 lbs. milk, 3634 lbs. fat in 7 lactations.
—Chas. Good & Son, Santee, Calif.

This Smart Young "Burke" Can Put You

PABST COMRO FOBES—Born Oct. 8, 1949
He carries 3 crosses to "Burke."

at

The Top

He's a son of "Comet" out of a daughter of Pabst Roamer, she a double granddaughter of "Burke." The dam is now on test and making a splendid 2-yr.-old record. He is a TOP herd sire prospect!

Consigned by

PABST FARMS Inc.

Oconomowoc, Wis.

LOCKHART FARMS, Mt. Vernon, Wash.

A bred heifer from a 652-lb. "VG" dam, and sired by the grand champion bull at the 1946 Evergreen Dairy Classic.

ALBERT STEFFEN, Monroe, Wash.

A 548-lb. fat (2X) Good Plus 6-yr.-old, due at sale time to a son of "Clover Lad."

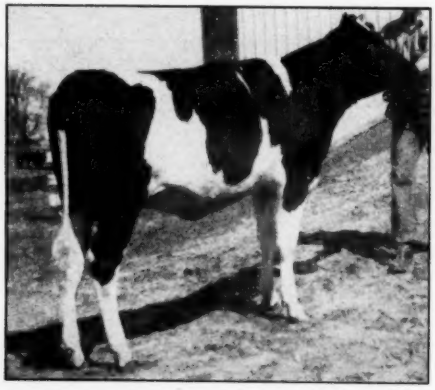
ELMWOOD FARMS, Lake Forest, Ill.

A lovely 2-yr.-old daughter of Dunloggin Lochinvar Prince from their "Alexina" family. Also a 2-yr.-old granddaughter of "Marksman" from a dam now making 800 lbs. as a 4-yr.-old.

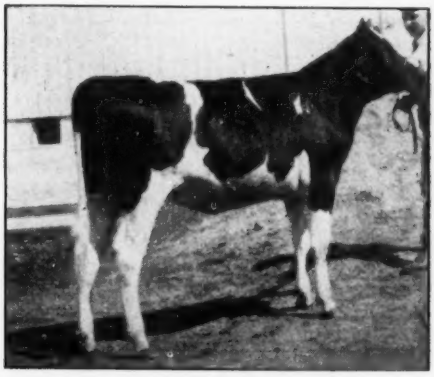
CORNELL FARMS, Winfield, Ill.

A yearling heifer by Carnation Foreman (E.) from an "Excellent" 650-lb. fat daughter of Weber Burke Perfection.

Another Great Wisconsin Consignment — From Allen Hetts
These Twin "Crescent Beauty's" From the "Gloria Family"



CRESCENT BEAUTY MISTRESS GLORIA (Twin)
Born Dec. 7, 1947. Daughter of Crescent Beauty Supreme from the 537-lb. fat 4% 2X 3-yr.-old daughter of "Supreme" and "Old Gloria."



CRESCENT BEAUTY MISS GLORIA (Twin)
Born Dec. 7, 1947. These lovely young maternal granddaughters of "Old Gloria" are sired by the Hickory Creek herd sire, Crescent Beauty Supreme.

Will She Be A 1949 All-American?

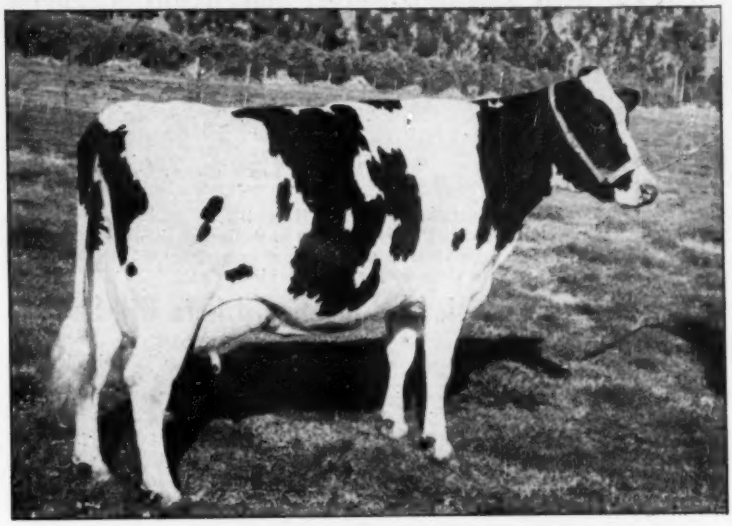
A Sensational 4-Yr.-Old Prospect!

Consigned by

EXCELSIOR RANCH

Garden Grove, Calif.

She was grand champion at two 1948 fairs, and we think she is the best prospect in the west for All-American 4-yr.-old in 1949. At 2y she made 567 lbs. fat. Her dam is "Excellent" and has 580 lbs. fat at 4y on 2X.



EXRANCO VALDESSA BESS BURKE
Classified "VG" at 2 years!

OATS BROS., Fallon, Nev.
A bred heifer coming 2 in July. By a son of the "GM" sire, Sir Marksman Design and from an 811-lb. dam with four other records from 561 to 651 lbs. fat. She was bred last December to Newmont Aristocrat 10th.

BURTON WAUGH, Burlington, Wash.
A linebred "Bing" (Mount Vernon Bing Peerless Maid—Excellent—Best udder at Waterloo 1947, 726 lbs. fat). This 1st calf heifer has 307 lbs. fat to date in 196 days and is sired by a son of "Bing" and out of a 566-lb. fat granddaughter of "Bing".

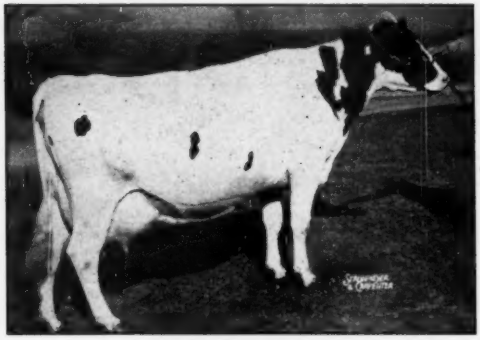
I. W. YOUNGQUIST, Bow, Wash.
An outstanding heifer calf from a 607-lb. dam. Sired by a son of Governor of Carnation. Also a 3-yr.-old with 424 lbs. fat in 324d on 2X, she by Carnation Imperial Madcap Lad from a dam with 92210 lbs. milk and 3365 lbs. fat in 7 lactations.

BUFORD GLADDEN, Glendale, Ariz.
A "VG" heifer (at 23m) with 480 lbs. fat, 1st calf. And a flashy yearling whose 3 nearest dams are all "VG" and average over 500 lbs. fat, 4%, 2X.

EDWARD YARR, Dabob, Wash.
A 3-yr.-old that made a 22-months-old record of 491.2 lbs. fat on 2X in 322d, and out of a 570-lb. fat dam.

BISHOP BROS., Chimacum, Wash.
A pair of 1st and 2nd calf heifers of intense "Hazelwood" breeding, both with good 2X records and from high producing families.

Her Daughter — from Vermont



TYLER FARMS RAG APPLE MARY (VG)
The Tylers consign the August 1948 daughter of this 659-lb. fat daughter of "Gladiator." The heifer's three nearest dams are VG, VG and E., and has 659, 773 and 946 lbs. fat respectively.

This One Sells —

KONINGEN PIEBE ALCARTRA FOBES (VG)
643 lbs. fat. She has a "VG" 573-lb. full sister; a "VG" 705-lb. maternal sister; and two ¾ sisters with 613 and 670 lbs. on 2X.

—A. J. Pollard, Turlock, Calif.

You'll Find... a Gold Mine of Breeding

in the GOLDEN WEST NATIONAL CONVENTION SALE

In the

Cow Palace

(San Francisco)

Thursday

June 2

For sale catalog write: L. H. McDANIEL, 632 College Ave., Fresno, 3, Calif. Send 50c to cover handling and first-class postage. For other information about the sale, write: MARK BORROR, Chairman Sale Committee, Springville, Calif.

Many Choice Entries Not Mentioned Here Will Be Featured Next Issue!

THE CONSIGNORS:

ARIZONA
ARIZONA STATE COLLEGE, Tempe
CHEATHAM DAIRY, Laveen
B. D. GLADDEN, Glendale

CALIFORNIA
ADOHR MILK FARMS, Camarillo
ROY D. BOONE, Orland
MARK & BRUCE BORROR, Springville
RALPH BOVE, Los Banos
WALLACE R. CLARK, Hanford
WESLEY G. CLARK, Hanford
FRANK CORDA, Gonzales
DIAMOND S RANCH, Waterford
EXCELSIOR RANCH, Garden Grove
MATHEW FISCALINI, Modesto
HUGH GOOD, Santee
EARL GRAHAM & SONS, Fresno
LEO P. HEDEGARD, Modesto
GERALD HEIL, El Nido
FRANK HOPKINS & SONS, San Jose
INYOLOCO FARM, Davis
ALLEN JOHNSON, Los Banos
KIDD BROTHERS, Modesto
WALTER C. LONG, Tulare
E. L. MADDOCKS, Jr., Gustine
L. H. McDANIEL, Fresno
F. L. PELLISSIER, Whittier
A. J. POLLARD, Turlock
JAMES REED, Visalia
HAROLD J. SCHMIDT, Modesto
HAROLD SMITH, Orland
STOCKTON STATE HOSP., Stockton
SLEEPY HOLLOW MILK CO., Petaluma
J. A. SUTTEN, Visalia
TAYLAKER RANCH, Visalia
JOE TRINDADE, Jr., Merced
WACKERMAN BROS., Orland
WM. WALTERS, Lemoore
WOLFSEN ACRES, Dos Palos

IDAHO
HENRY DRURY & SON, Preston
TALBOT FARMS, Preston
WM. STEVENS, Nampa
GERALD L. McFARLAND, Nampa

ILLINOIS
CORNELL FARM, Winfield
ELMWOOD FARM, Lake Forrest
HICKORY CREEK FARMS, W. McHenry

KANSAS
ELMER DAWDY, Salina

MICHIGAN
FRED TULLIS, Monroe

MONTANA
ALLEN SHUMATE, Helena

NEVADA
OATS BROTHERS, Fallon
LeGRAND WALKER, Reno

OREGON
BENTER FARMS, Creswell
LINDOW BROS., Portland

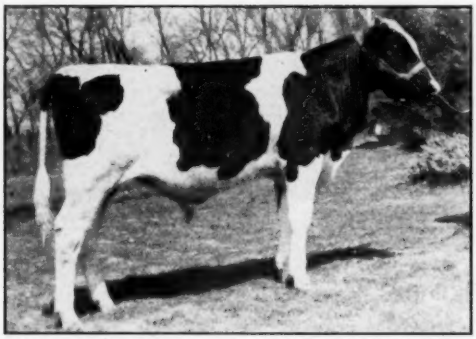
WASHINGTON
CARNATION MILK FARMS, Carnation
BISHOP BROS., Chimacum
CLARENCE DIRKS, Stanwood
LOCKHART FARM, Mt. Vernon
RIDGEPORT DAIRY, Vancouver
ALBERT STEFFEN, Monroe
TREOSTIVILLE FARM, Carnation
BURTON WAUGH, Burlington
EDWARD YARR, Dabob
EMIL YOUNGQUIST, Mt. Vernon
I. W. YOUNGQUIST, Bow

VERMONT
MALLARY FARM, Bradford
TYLER FARMS, West Newbury

UTAH
HAROLD BUCK, Plain City
EDGEWOOD HALL, Providence
WENDELL FUHRIMAN, Logan
LEON GARDNER, Deweyville
ROSS GORDON, Smithfield
PLOWMAN BROS., Smithfield
ROBSON BROS., Plain City
SPRING CREEK RANCH, Logan
HAROLD TAYLOR, Ogden
UTAH INDUSTRIAL SCHOOL, Ogden
MERRILL WARNICK, Pleasant Grove

WISCONSIN
WM. BAIRD, Waukesha
ALLEN HETTS, Ft. Atkinson
JOHN HETTS, Ft. Atkinson
GEORGE KIEFFER, Auburndale
LANGE FARM, Watertown
A. C. OOSTERHUIS, Oconomowoc
PABST FARM, Oconomowoc

— SELLING —



WILLOWDALE SIR HESTER SKYLARK
Born Sept. 7, 1948. A ¾ brother to the Hon. Men. All-American 2-year-old bull in 1948, Ormsby Cola De Kol. His dam is "VG" and she has three "VG" maternal sisters. A calf you will like in every way.
—Edgewood Hall, Providence, Utah.

— SELLING —

WILLOWDALE SKYLARK MARVA
75% the same blood as Ormsby Cola De Kol (Henry Drury's Hon. Men. All-American 2-yr.-old bull). Selling open. Her dam is from the best "Willowdale" family — one of the breed's best transmitting female lines.
—Wendell Fuhriman, Logan, Utah.

Watch Your Next WORLD For More Pictures and Information

UTAH "BURKES"

WISCONSIN ADMIRAL BURKE LAD—GM

TO THE National Convention Sale

1—An Intensely Burke Bred Yearling

2—A Line-Bred Burke Two-Year-Old

3—A Daughter of Pabst Governor

4—A Daughter of Rocky Hill Mont Burke Jo

From CONCORD MILK FARMS—

J. Harold Buck, Route 1, Ogden

an exceptionally nice yearling of intense **Burke** breeding out of a double granddaughter of **Burke** with a 417-lb. fat record at 3 years, her dam from a 4.1% **Burke** daughter and sired by a son of **Pabst Roamer** whose 7 nearest dams average over 725 lbs. fat. The dam's sire is from a 600-lb. 4.1% fat dam and is siring some very outstanding daughters.

From "UP HILL" DAIRY—

Harold D. Taylor, Ogden

(not a new breeder, just a new name)

a line-bred **Burke** two-year-old, she has 31 1-4% **Burke** blood. This is one of the richest bred **Burke** herds in the west. Burke bulls used in the past ten years: **Weber Burke Double, Weber Burke Clover Lad** (son), **Weber Burke Murky** (son), **Leongard Frost Burke Dell** (grandson) and present herd sire, **Weber Admiral Burke Sovereign** (double grandson, 50%). "UP HILL" STANDS FOR "UP IN TYPE—UP IN PRODUCTION".

From UTAH STATE INDUSTRIAL SCHOOL, Ogden

a beautiful heifer representing the best in **Burke** breeding. She is a line-bred granddaughter of **Burke,** tracing to him three times. She is sired by **Pabst Governor,** our **Burke** son that is carrying on where Burke left off. This heifer will do justice to any herd and is one you will be proud to own—a typical **Burke** animal.

Her dam is **Weber Double Cameo,** an Ex. granddaughter of **Burke** that produced 409 lbs. fat with a 4% test, 2X, 2 yrs. See her pedigree in the catalog.

ROCKY HILL MONT BURKE JO
His dam, a Burke daughter.

From RALPH ROBSON, Plain City

A daughter of **Rocky Hill Mont Burke Jo** out of a daughter of **Weber Burke Perfecto.**

She is **R B MONT BURKE DOT.**

Her sire is a full brother to the 1947 All-American four-year-old and they were Hon. Mention Produce in 1947. Daughters of "Jo" are very promising in type, one daughter was top unbred heifer at our Utah State sale, there are five just recently fresh that show great promise.

Call and see us on the way to or from the Convention.

THEY SELL AT THE NATIONAL CONVENTION SALE

LOOK THEM UP AT THE COW PALACE

GOLD WEST CONVENTION SALE
COW PALACE
SAN FRANCISCO
THURSDAY JUNE 2, 1949

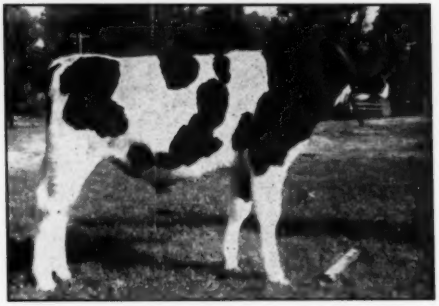
SAN FRANCISCO JUNE 2

Take Your Pick!

GOLDEN WEST CONVENTION SALE
COW PALACE
SAN FRANCISCO
THURSDAY JUNE 2, 1949
SPONSORED BY CALIFORNIA HOLSTEIN-FRIESIAN ASSOCIATION

THE GOLDEN WEST NATIONAL SALE SELECTION COMMITTEE GREATLY ASSISTED US IN DETERMINING WHICH ONE OF SLEEPY HOLLOW LORDS BEAUTY'S OUTSTANDING TWIN BULLS WE SHOULD RETAIN AS OUR JUNIOR HERD SIRE WHEN THEY INSISTED WE **FIT BOTH** AND LET YOU **TAKE YOUR PICK!**

SLEEPY HOLLOW ACE



SLEEPY HOLLOW DUCE

Their Very Good dam is the outstanding member of our high lifetime production **Beauty** family. THE LIFETIME RECORDS ON THEIR FOUR NEAREST DAMS AVERAGE—

142,384 Lbs. Milk - - - - 5,738.9 Lbs. Fat

"Beauty" has produced 122,000 lbs. of 4.7% milk and is still producing strong at 12 years. She has two daughters with 713 lbs. fat, 4 yrs., 2X and 507 lbs. fat, 2 yrs. 2X.

A 7-8 sister to "Ace" and "Duce" has completed her first calf record with Fat—365d, 2y, 558.4 milk (2X-4.2%) 13,931.0.

"Ace" and "Duce" as well as the heifer consigned below are sired by Tyler Farms Rag Apple Dale, the Very Good son of Montvic Rag Apple Gladiator, VG, and out of the "Excellent" 918-lb. fat producer, Tyler Farms Posch Jennie. He has proven plus on his first 7 unselected daughters as follows on 2X milking, 305 ds., M. E.:

Daughters	average	15,609 lbs. milk	3.8%	591.2 fat
Dams	average	14,539 lbs. milk	3.6%	524.9 fat
Plus		1,070 lbs. milk	.2%	66.3 fat

SLEEPY HOLLOW TY ALBINA

Also Consigned - -

SLEEPY HOLLOW TY ALBINA

A yearling daughter of

SLEEPY HOLLOW ALBINA PONTIAC

who is classified Very Good and has a lifetime production of

191,936 lbs. milk, 7,251.5 lbs. fat

and still producing.

She has three daughters with 707.5, 646.2 and 514.6 lbs. fat as 2- and 3-year-olds.

Pick Them at the Cow Palace

Sleepy Hollow Certified Milk Co.

Petaluma, California

Elmwood to the National

TWO SELECT TWO-YEAR-OLDS

A Lovely Two-year-old Daughter
of
DUNLOGGIN LOCHINVAR PRINCE
from
Our ALEXINA Family

— — — —

Also a Two-year-old Granddaughter
of
MARKSMAN
From the Cow Pictured at Right

GREY ROCK CHIEFTAIN BELLE
Now Making 800 Lbs. Fat at 4 yrs.

See Them at the Cow Palace in June
Watch For More Details

ELMWOOD FARMS

Lake Forest, Illinois

He'd LOVE California!

And he's GOOD ENOUGH to go there or any other state in the Union!

VELVEETA SOVEREIGN BONHEUR POSCH

Born March 25, 1949. His 29 nearest dams average 811.4 Fat, 8 on 2X, 21 on 3X.

Sire:
Springbank Merc. R. A. Sovereign
15 nearest dams avg. 877.1 fat, 4%.
Siring beautiful calves at Unadilla Farms.

Montvic R. A. Sovereign
"XXX" Sire.
Twice All-Canadian and member 1947 All-American produce, 4 All-Canadian producers. 67 daughters have 71 records avg. 523 fat, 4.13%, 62 at 2y, 44 on 2X.

Princess Mercedes Rag Apple
Very Good.
Fat 365d 3½y 736.0
Milk 3X 3.46% 21251.0
At 5y 305d 604 F. 3.5%
At 2y 365d 514 F. 3.5%

Emperor of Mt. Victoria
31 tested daughters
2 with 1059 and 1077 lbs.

Montvic R. A. Col. Abbekerk
Excellent.
9y 3X 365d 1263 F. 4.32%
(World Record on 3X)

Rag Apple Echo Mercedes
Son of Montvic R. A. Pietje, inbred son of J.R.A.P.

Princess Oxford Hartog
6y 2X 692 F.
3½y 2X 680 F. 4.1%
5y 2X 571 F. 3.8%

Dam:
Velveeta Bonheur R. A. Jane
Good Plus.
2y 2X 263d 400.5 F. 4%
Making over 2 lbs. fat daily in her second lactation.

Rag Apple Talisman
Former Glenafton herd sire now owned by Mrs. B. M. Hallward & Son, Quebec.

Conestoga Rowsdale Jane Pontiac
Very Good.
6y 272d 2X 606.7 F.
7y 280d 2X 646.0 F.
8y 1st 90d 2X 354.8 F.
Her 6 nearest dams average 777 fat, all 2X.

Montvic Chieftain Posch
Former O. L. Hamer herd sire, high index, from the highest record 2-yr.-old JRAP.

Montvic R. A. Bonheur Abbekerk
Excellent at 11y.
5y 2X 1047.4 F. Second highest record daughter JRAP.

Rowsdale Pontiac Posch
Grandson of Dutchland Neth. Calamity with 911 fat, and Pontiac Dutchland DeVries with 1049 fat on 2X.

Conestoga Spring Grove Jane
3½y 2X 536 Fat

Unadilla Farm
Chadwick, Illinois

(Interested parties write: R. A. PAGE, 500 Peshtigo Ct., Chicago 90, Illinois)

Consigned
TO
Golden West National Convention Sale
FROM
HILMAR HOLSTEINS – TURLOCK, CALIF.

KONINGEN PIEBE ALCARTRA

Classified Very Good

Fat 346d 3y	643.5
Milk–2X	20955.0
Fat 327d 4y	575.1
Milk 2X	17,825.0

(HIR RECORDS

KONINGEN PIEBE ALCARTRA FOBES 2443875 (VG)

– She has a full sister "Very Good" with 579 lbs. of fat on 2X.
– She has a maternal sister, "Very Good" with 705 lbs. of fat on 2X.
– She has two ¾ sisters Good Plus with 613 and 670 of fat on 2X.

Her sire, Ten Kink Colantha Piebe Fobes.
39 HT daughters, 10 from 604 to 789 lbs.
20 from 414 to 584 lbs.
His HIR proving on 19 pairs–
plus 1760 lbs. milk, .029%, 60 lbs. Fat.
27 Classified daughters.
6 VG – 12 GP – 9 Good.

HILMAR HOLSTEINS
A. C. POLLARD, Owner R. 1, Box 261 TURLOCK, CALIF.

REGIONAL SHOW AT DALLAS

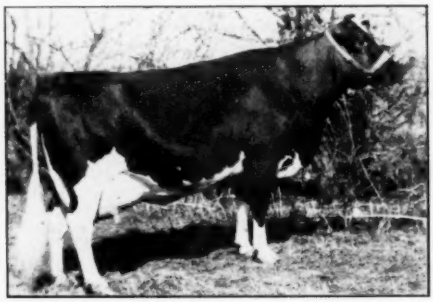
The 1949 Texas State Fair to be held at Dallas October 14 to 21 has just been designated a Holstein Regional Show. In addition to the open class premiums amounting to $2850 plus $650 for Texas Holstein-Friesian Specials, there will be paid $300 to each state herd that exhibits regardless of its placing—$200 of this coming from the state fair management and $100 from the National Association.

These amounts should be real inducement for show herds to include Texas and Dallas in their 1949 circuit and William F. Neale of Neale Farms, Waco, Texas, says: "We are hopeful that Holstein breeders in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma will participate in this show which is a show window for a very strong market for Holsteins which Texas is enjoying."

And Glen Householder writes in a letter to prospective exhibitors: "We hope that breeders in your state will formulate a plan for sending a state herd to Dallas October 14 to 21. We can think of no other method through which so little outlay of cash might be expected to return as great a publicity for the Holstein breeders of your state."

Production will not be increased by paying more money for the same work. I am sure working more than 40 hours per week is the only real solution to the problem of wages and inflation.

Her Daughter Goes to the Cow Palace



JEROME SUSIE BURKE (EX)

Fat 4y 6m 365d	650.1
Milk 2X 3.4%	18944.0

A daughter of Weber Burke Perfection.

THE 16 MONTHS OLD DAUGHTER OF JEROMA SUSIE BURKE SIRED BY CARNATION FOREMAN GOES TO THE NATIONAL CONVENTION SALE–

And what a pedigree she has–

* Her sire and dam both Excellent.
* Her dam a Burke granddaughter with two crosses to **Wisconsin Pinky,** and her sire two crosses to **North Star Joe Homestead,** once through his wonder son, **Governor of Carnation** and through his greatest producing show daughter, **Carnation Josephine Mooie.**
* The 7 nearest dams of **Carnation Foreman** average 924.6 pounds of fat.

SEE HER AT THE GOLDEN WEST SALE

CORNELL FARMS
WINFIELD – ILLINOIS

MALLARY SALES

From Mallary Farm, Bradford, Vermont comes news of some recent sales of bull calves. Most of these calves are sons of Triumph, son of old Abbie, breed champion 3X producer with 1263 lbs., and Montvic Posch Rag Apple, Gold Medal sire.

Abram Z. Rittenhouse of Lansdale, Pennsylvania, has bought an interest in a son of Triumph from Mallary Farm Posch Annabelle, Very Good daughter of old Posch, with 795 lbs. of fat, 4%. Annabelle is one of four exceptional daughters of a great brood cow, old Anna, herself with a record of 654 lbs. of fat, 3.8%, as a two-year-old. Anna had four daughters.

Besides Annabelle, they are Lady Anna, with 764 lbs., 4.0%, Annette, with 839 lbs., 3.9%, and Anita, with 892 lbs., 3.7%. The New Year's Day baby son of Anita, also by Triumph, is going to Fostoria, Michigan, to the herd of George Foster & Son, as soon as he is old enough to travel. This calf (advertised in the February 19 **WORLD,** by the way) is a full brother to the son of Triumph which went last year to head the herd father recently established in Roxbury, Connecticut, by Mr. and Mrs. A. Richard Diebold.

Lee Lumsden of Greensboro, Vermont, has bought a son of Triumph from a daughter of Posch with 713 lbs. of fat. This is the second son of Triumph to go to Mr. Lumsden, the other one having been from a first-calf heifer, a double granddaughter of Posch, sired by Mallary Farm Challenger and out of an "Excellent" 4.5% Posch daughter. This heifer has now completed her first record, of 553 lbs. of fat, 4.2%, as a junior two-year-old.

Roe McDanolds of North Haverhill, New Hampshire, selected a son of Triumph from a first-calf granddaughter of Posch, sired by the Master bull, for several years in service at Mallary and Tyler Farms. This heifer, Carolyn, is out of old Cora Ormsby Duplicate, Excellent show cow and many times grand champion, who has 750 lbs. of fat with 4% test. Cora is the dam of another Mallary Farm herd sire, Mallary Farm Challenger (now on lease to Mount Hope Farm, Taunton, Massachusetts), also of a daughter by Posch with 802 lbs. of fat. A full brother to Carolyn is being well proved in the herds of Sylvanus Thurston, Lancaster, New Hampshire, and Cummings Brothers, South Paris, Maine, and another full brother is in service in the herd of Dale Roundy, Lyndonville, Vermont. Carolyn herself was first prize junior yearling wherever shown in 1947, except at Eastern States Exposition, where she placed fourth. There are two younger daughters of Cora in the Mallary herd, both sired by Triumph. This calf, Mallary Rag Apple Commander, is the third bull which Mr. McDanolds has bought at Mallary Farm. Mr. McDanolds is known widely not only for his good Holsteins but for his sensationally successful pasture program, which featured Ladino clover. Mr. McDanolds' program has been the subject of a pamphlet issued by the New Hampshire Extension Service, and of a number of articles in the agricultural press.

The last son of old Montvic Posch Rag Apple 2nd, who died in the winter, was taken by Nat Barrows, Jr., of Atkinson Depot, New Hampshire. This calf, a splendid individual, is out of a first-calf daughter of Mallary Farm Challenger whose dam, one of the foundation cows of the Mallary Farm herd, and a close relative of old Cora, had a lifetime production of 103559 lbs. of milk, 3913 lbs. of fat, 3.8%, with individual records to 608 lbs., 4%, in 305 days, and was classified "Very Good." Mr. Barrows has been developing a fine herd on the Clark Farm at Atkinson Depot, since his return from service in the Navy during the war.

S. Allen Soule of Fairfield, Vermont, has purchased a half-interest in the son of Audrey Posch, Excellent 1015-lb. daughter of Senator Posch, and proved brood cow, by Pebble Beach Prince of Wayne, proved son of Montvic Chieftain 7th now in service in the New York Artificial Breeding Association. This is the calf which Audrey was carrying when the Mallarys bought her in the Butterfly dispersal in November, 1947. Audrey is now safe in calf to Triumph, and there is high hope that she may present Mallary Farm with a bull calf for a future herd sire.

A Line Bred Senator Son

THE BULL HIMSELF

RAVENGLEN SENATOR ZEMOBIA
Born March 24, 1948
A junior yearling for this fall, sired by Senator and from a Ravenglen Montvic Hartog daughter that has just completed a fine HIR 2X record.

HIS SIRE

KING BESSIE SENATOR (E)
All-Time All-Am. 3-yr.-old.
All-Time All-Am. Sr. Yearling.
Res. All-Time All-Am. Aged Bull.
Res. All-Time All-Am. 2-yr.-old.
Six Times All-American.

The second dam is a fine show daughter of Senator out of the grand old Sunny Meadows cow.

THE TWO GRANDDAMS OF THE CALF'S DAM

MONTVIC BONHEUR HARTOG (VG)
4y-365d-3X (Can. HOP)
24248 M. 4.75% 1153 F.
(World Record jr. 4-yr.-old)
Highest record Pathfinder daughter.

SUNNY MEADOWS R. A. SEGIS LASS
Res. All-Time All-Am. Aged Cow.
All-Am. Aged Cow 1942.
Res. All-Am. Aged Cow 1941.
All-Am. 4-yr.-old 1940.

THIS CALF IS READY FOR LIGHT SERVICE RIGHT NOW
Write Us or Come and See Us.

RAVENGLEN FARMS
Antioch, Illinois
E. H. RAVENSCROFT, Owner
Address Correspondence to
R. A. ARNOLD . . . at the Farm

Home of KING BESSIE SENATOR
Six Times All-American

News of the Trade

ILLINOIS TO NEW YORK

Stephen Buckingham of Croghan, N. Y. has purchased the bull calf, Velveeta Sovereign Double Dixie, which Unadilla Farm, Chadwick, Ill. advertised in the April 2 World. This will be the second grandson of Homeland Dixie Princess, 143,000-lb lifetime producer, that Mr. Buckingham has used in his herd.

Roscoe Sullins of Lyons, Ohio, and W. J. Loufman of Cleveland have each purchased foundation heifers from Mr. Page's herd in recent weeks.

Mr. Page sent us the accompanying picture of the first of the 16 milking daughters of his herd sire to freshen. Dams of the 16 have records on 2X milking averaging 551 lbs. fat, mostly in 305 days.

VELVEETA BONHEUR PIETJE
First daughter of Springbank Mercedes Rag Apple Sovereign to freshen at Unadilla Farm.

MICHIGAN STATE CHAMPION

Brattleboro has announced a new Michigan class leader on A R test for Merle H. Green's Green Meadow Farms, Elsie, Mich. She is Golden Hill Burke Bee 2868931 (V.G.) with a senior 3-year-old record of 735 lbs. fat and 22423 lbs. milk on 2X in the yearly division.

The son of the new champion, sired by Green Meadow Constellation, Green Meadow's son of "Soverign," now heads the herd of Earl T. Murphy & Son, Britton, Michigan.

O'CONNELL HAS SNOW BOY DAUGHTERS

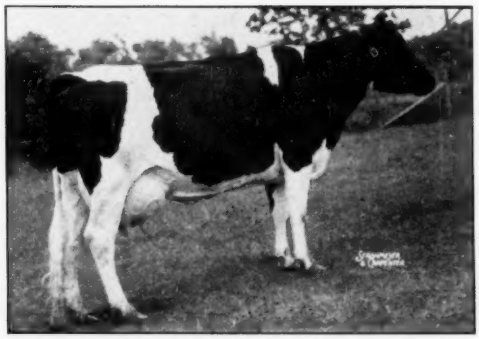
Ralph P. O'Conner, Le Center, Minn., writes:

In your April 2nd issue you have an article on page 141 about C. M. Bottema selling the bull Franlo Chip Model Snow Boy to Raymond Wittenhorn & Son of Ill.

You state that the Bottemas are milking daughters from him. It was in my herd that he was first used. We have one junior 2-year-old that made 622 fat, she was dry 14 days and made 631 fat as a junior 3-year-old and should make over 700 as a four-year-old. We have a 483 lb. fat at just 2 years and another with 450 lbs. at 2 years. Another 4-year-old has 225 lbs. fat in 71 days. I had a ½ interest in him and I sold my share to Clarence Reimers of Brownton, Minn., owner of the All-American bull calf—49. He traded his ½ interest back to Franlo Farms for a son of the Bing cow. Franlo used Snow Boy for almost a year and then consigned him to the Waukesha Sale where Bottema bought him about two years ago.

I realize that it is quite a job to keep all these items correct so I thought I'd let you know just how it was. A fellow doesn't get too many 622 lb. fat junior 2-year-old heifers.

Iowana Ormsby Princess Lad, owned by J. L. Boerger & Sons and Chris J. Boerger & Sons, Irwin and Marysville, Ohio, has just had an HIR proving announced whereby he raised the production of his daughters 85 pounds of fat. **On 12 pairs the dams averaged 403** pounds of fat and 11,470 pounds of milk while the daughters made an average of **488 of fat, 13,510 of milk.** The sire of Iowana Ormsby Princess Lad is Iowana Ormsby Burke Prince and his dam is Iowana Ormsby Princess, a 764-lb. daughter of Sir Pietertje Ormsby Aaggie Wayne. The sire of "Lad" and two of **his maternal sisters were included in the** shipment of animals this past winter from the Iowana Farms Milk Company to **Green Top Farms, Genoa, Illinois.**



GOLDEN HILL BURKE BEE (VG)
New Michigan state champion senior 3-year-old son 2X milking, 365 days, owned by Merle H. Green.

538 FAT 2X HERD AVERAGE

Dave Roberts' Greenaway herd at Sauquoit, N. Y., has completed a year in DHIA with a 2X average on 30 head of 538.5 lbs. fat from 14,462 lbs. milk averaging 3.7%. Not only was this the high 2X herd in the Association but also it includes the high cow for milk and high cow for fat on 2X.

Greenaway Polkadot Chieftain 2207798 finished her lactation with 759.3 lbs. fat, 18,180 lbs. milk, 4.2%, in 365 days at 7 years and 1 month, while Greenaway Nig Chieftain 2411455 finished with 717.4 lbs. fat, 18,821 lbs. milk, 3.8%, in 342 days.

Each of these two high cows is by the highly approved Pebble Beach Chieftain Countess and the dams of the two cows are paternal sisters, each by Winterthur Posch Best Nylo.

DARE HAS 554 FAT

Jim Sears, Baldwinsville, N. Y., is enthusiastic over his Countess cow family. The latest member of that family to complete a record is Dare, maternal sister to the Excellent Ada. Dare's junior 3-year-old record in HIR is reported as 554 lbs. fat from 13,350 lbs. of 4.1% milk in 311 days on 2X. Now on test again as a junior 4-year-old, she has 131 lbs. fat, 3300 lbs. milk in 131 days to date.

McINTYRE-LONG

Mr. and Mrs. Fred Long of Maple View Farms, Akron, N. Y., announce the marriage of their daughter Ruby to Howard McIntyre of Macsfarm, Perry, N. Y., on Friday evening, April 8th, at a beautiful candlelight church wedding.

The bride is the sister of Vernon Long, president of the Western New York Holstein Club.

Holstein personages attending the wedding and reception were: Mr. and **Mrs. L. A. Piguet,** E. Aurora; Mr. and Mrs. Adrian Personius, Ithaca; Mr. and Mrs. Stuart Nevinger, Warsaw; Mr. and Mrs. Lewis Patrick, Perry; Mr. and Mrs. Henry Faryna, Perry; Mr. and Mrs. L. D. Odell, Chaffee; Mr. and Mrs. Charles Hunt, Akron; and Mr. and Mrs. Vernon Long, Akron.

The bride and groom left following the wedding on a wedding trip to the south. On their return they will be at home at Macsfarm, Perry, N. Y.

From the World Files

Five Years Ago This Month

May, 1944

A new world's record over all breeds for senior four-year-olds, on 3X milking is announced for Montvic Hiemke Rag Apple Patsy, owned by J. J. E. McCagae, Glenafton Farm, Alliston, Ont. At 4 years 8 months she made an ROP record of 24,466 lbs. milk(4.75%, 1163 lbs. fat—the highest record ever reported on 3X milking for a heifer under full age. Patsy was All-Canadian 4-year-old for 1943 and is the highest record daughter of Raymondale Ideal Successor. Her dam is Montvic Bonheur Patsy.

Ten Years Ago This Month

May, 1939

Congratulations are in order for Sir Inka May who turned 16 years of age last month. Sir Inka May was bred by the Minnesota Holstein Company back in the days when Vere Culver was the head of that establishment. Vere brought him out as a junior yearling in 1924 to win All-American honors in his class. Later he was consigned to the Brentwood National Sale of 1925 and purchased there by Carnation Milk Farms at $12,000.

A significant purchase at Maytag Dairy Farms is that of the herd sire, Sir Ormsby Fobes Dictator, from the Iowa Board of Control for $2500. Bred by Paul P. Stewart, the Iowa Board of Control purchased him as a calf in one of the Iowa sales. His sire, Sir Skylark Ormsby Fobes, was also bred by Mr. Stewart.

Twenty Years Ago This Month

May, 1929

Winterthur Boast Essa 913147 is the latest daughter of Winterthur Bess Ormsby Boast to make a 1200-lb butter record and is his seventh daughter above 1000 lbs. butter. Her sire, "Boast," is one of the two Gold Medal sons of Bess Johanna Ormsby. His sire, King of the Ormsbys, and his son, Jemima Riverside Boast Ormsby Dad, are also Gold Medal sires.

Thirty Years Ago This Month

May, 1919

"The Posch Family—Champions That Produce Champions" is one of the feature articles this month. Author Wm. A. Prescott devotes his attention to Alta Posch, owned and bred by James Rettie, Norwich, Ont.; calves December 20, 1898; color black and white: sire, Abbekerk Prince; dam Aaltje Posch 4th. Numbered among the direct descendants of this noted cow are May Echo Sylvia, champion milk producer of the world; Lakeview Rattler, former Canadian champion; Zarilda Clothilde 3d De Kol; and numerous other champions.

Winterthur Farms, Winterthur, Delaware, home of King of the Ormsbys, King of the Sadie Vales, King of the Pontiacs, and of the Spring Brook Bess Burke 2d family, invites all those attending the Philadelphia National Convention and Sale to come and see their herd consisting in part of 100 granddaughters and 80 great granddaughters of King Segis.

"Minnesota Holsteins," an interesting feature by G. R. (Bob) Melin, includes pictures of J. M. Hackney, one of Minnesota's most constructive breeders, owner of Arden Farms and of the famous sire, King Segis Pontiac Count; J. B. Irwin, one of the oldest of Minnesota breeders and developer of Duchess Skylark Ormsby, champion long distance cow of the world; W. S. Moscrip, one of Minnesota's leading breeders; and E. C. Shroeder, owner of the E. C. Schroeder Farms, famous as the home of Sir Pietertje Ormsby Mercedes and the Bess Burkes.

Forty Years Ago This Month

May, 1909

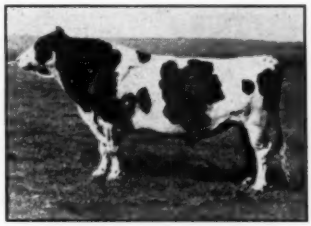
Quoting a Syracuse, N. Y., newspaper:

"The sale on the State Fair Grounds of 245 cattle for $45,585, including two specimens for $1,000 each is a notable event to the dairying business in New York state. It marks the well-earned popularity of the Holstein-Friesian breed which now occupies an eminence hardly approached by any other."

Coming soon—the $50,000 Holstein-Friesian Cattle Sale at Syracuse, N. Y., Cleveland and Company, Sales Managers; Colonels B. V. Kelley, Syracuse, N. Y.; D. L. Perry, Columbus, O., and R. E. Hager, Algonquin, Ill., auctioneers.

Knollwood Bonheur Chieftain

Now Favorably Proven



MONTVIC CHIEFTAIN 7th
Our Foundation Sire.

"Chieftain 7th" Again Proves His Great Power for Transmitting High Production and Test Through His Son — Our Senior Sire.

Six daughters of Knollwood Bonheur Chieftain have now completed their Junior 2-yr.-old lactations at Knollwood. Their actual 2-year-old records (on HIR) average 13,673 milk 4% 543 fat. This gives Knollwood Bonheur Chieftain the following daughter-dam comparison on a mature 3X, 365-day basis—

6 Dtrs.	(6 records)	18300 M	4.0%	726 F
6 Dams	(13 records)	17440 M	3.7%	649 F
Increase		+860 M	+.3%	+77 F
Index		19160 M	4.3%	803 F

This compares favorably with the fat and test Index of "Chieftain 7th" and is even higher in milk. Two of these daughters in second lactation are producing at an 800 fat rate, hence this Index may be expected to go higher as production goes on.

Offering A Double Grandson of K B C at $250

The seventh daughter (Ina) of Knollwood Bonheur Chieftain has just freshened with a nice rugged bull calf, sired by Knollwood Chief, our son of KBC and the 922-lb. Nettie and thus a double grandson of "7th".

Ina has started with a 5.1% test, milking well over 50 lbs. and not nearly under full feed. She is a rugged heifer with a beautiful udder. This calf is destined to sire high test and good production. Most of our bull calves sell for two to four times this price but since this one is out of a first calf heifer it occurred to us that several breeders who have said they would like to improve their herds at a reasonable price would appreciate this opportunity. The first check for $250 gets this calf, delivered via crated express.

KNOLLWOOD FARMS

DANIEL I. MAYNE, Owner 325 Beresford Rd., Rochester 10, N. Y.

Minnesota

★ 80

FROM 52 LEADING

THE BREEDERS HAVE GONE ALL OUT TO

- **28 Outstanding Cows**

  Splendid type. Show Ring Winners and "Excellents" included. Many with 500- and 600-lb. records (2X). Most of them springing or just fresh.

- **38 Bred Heifers**

  Many close-up springers and others bred for Fall freshening. Richly bred, typey heifers, bred to outstanding sires.

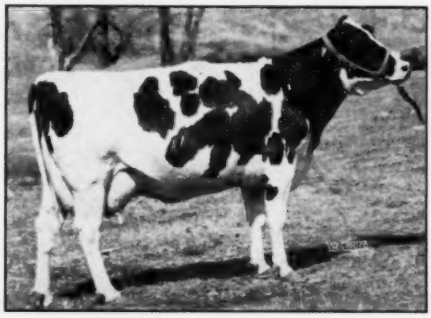
TYPE — PRODUCTION

Sweeten Your Show Herd With Animals from This Sale Backed By Proven Production.

Monday — 11 A. M.

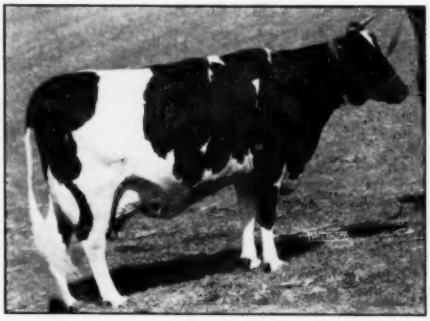
MAY 23

ALL ANIMALS PICTURED ARE SELLING



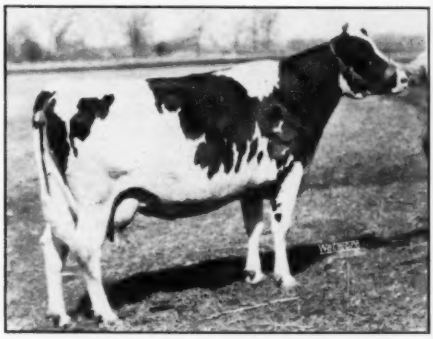
MARCHAND AAGGIE JOHANNA
Classified "Excellent". Made 505 lbs. fat as a 2-year-old. From a 507-lb 2-year-old and by Strathmore Aaggie Sir Hengerveld, son of a Gold Medal, 913-lb. cow. Due sale time. Consigned by A. L. Dahlien & Sons, Minneapolis.

BAYPORT HOMESTEAD CAROLINE
A beautiful 4-year-old with 507 lbs. fat as a 2-year-old. Sired by North Star Happy Homestead and from a 528-lb. (2X) dam. Due right at sale time to North Star Victor Triumph. Consigned by Minnesota State Prison, Stillwater, Minn.



FRANLO PLEASANT AAGGIE
A 579-lb. 2-year-old daughter of the famous All-American, Chip of Nettie and Aaggie, and from a 644-lb. daughter of Pleasant Korndyke, 1046 lbs. fat, and All-American aged cow. Consigned by Franlo Farms, Hopkins, Minn.

THERE ARE MANY OTHER REAL TOPS FOR WHICH PICTURES WERE NOT AVAILABLE.



G. F. G. K. MAGIC POLLY
An outstanding individual with four DHIA records from 419 (at 2y) to 510 lbs. By Gilkey Farms Gypsie King, from a twice 500-lb. (2X) granddaughter of the All-American, Man-O-War 30th. Due in July to son of a 785-lb. (4%) cow. John J. Hoof, Plato, Minn.

State Sale

TOPS ★

MINNESOTA HERDS

MAKE THIS ONE OF THEIR GREATEST SALES

- **5 Open Heifers**

  Just a handful — but real tops. They have type and all are from dams with records up to 792 pounds fat.

- **9 Young Bulls**

  You can pick your herd sire from this lot. Dandy individuals of popular breeding, and from dams with records up to 867 lbs. fat, (3X).

POPULAR BREEDING

THE PLACE TO BUY OUTSTANDING FOUNDATION ANIMALS OF THE BREED'S MOST-POPULAR BLOOD LINES.

FAIR GROUNDS

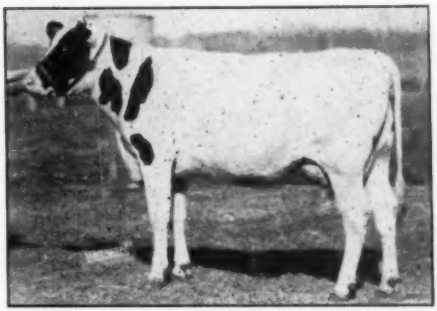
Owatonna, Minn.

SEE THE FOLLOWING PAGES ⟶

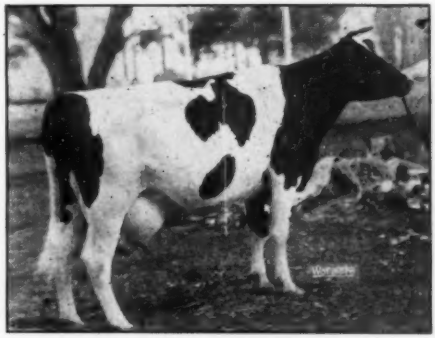
CAREME SEGIS PEARL
Classified VG. Has 404 lbs. fat as a 2-year-old and is due soon after the sale to Dictator Salo Pearl. A daughter of the noted sire, King of the Pearls, and from a 506-lb. (2X) daughter of a 785-lb. cow. Consigned by A. H. Bruce, Northfield, Minn.

ALL ANIMALS PICTURED ARE SELLING

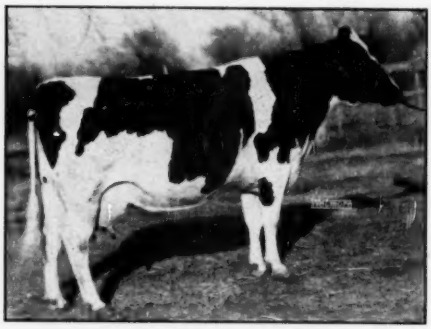
MAPLE LANE CONNIE LUCY
A 5-year-old cow you will like. She made 412 fat as a 3-year-old (2X) and has made 300 lbs. fat in first 116 days this lactation. By North Star Confident Superior. Bred to North Star Victor Patience. Consigned by A. H. Hjermstad, Zumbrota.



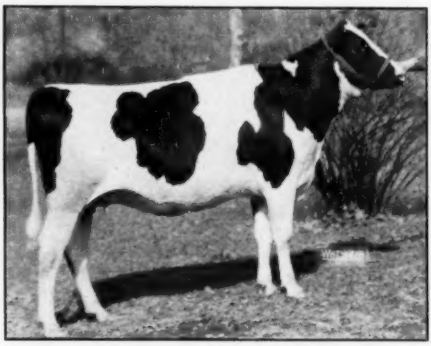
ETTA MAJESTIC BELLE MADCAP
A very choice 2-year-old by Carnation Imperial Inka Madcap, a son of Imperial from a Madcap dam, and from a 415-lb. Sr. yearling dam. Bred to Carnation Renown Prince, a son of Renown, from a daughter of Governor. Oscar Sletta, Madelia.



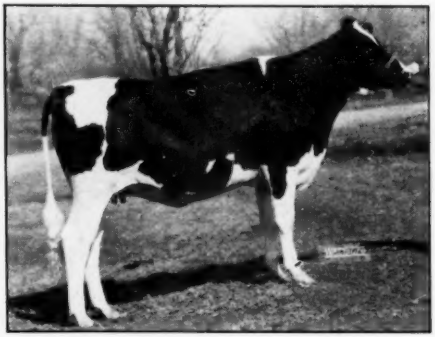
CARROLLTON PEARLS JEWEL
A dandy 3-year-old that made 560 lbs. fat, 14522 milk as a 2-year-old (2X). Fresh and going strong. Second to Reserve Champion 4-H heifer at Minnesota. Sired by Franlo Prince of the Pearls and from a granddaughter of Dunloggin Follow On. Donal J. Carroll, Rosemount, Minn.



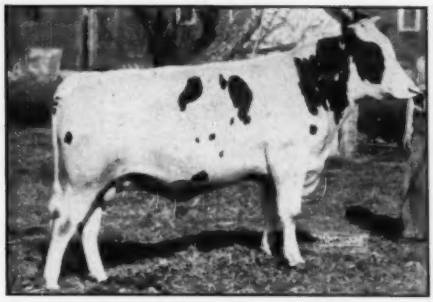
ROSENDALE OOSTIE PIEBE KATHLEEN
A producer with type. She has 3 consecutive records from 423 to 523 lbs. (2X). Classified Very Good. By the 836-lb. sire, Oostie Hoesly Lyons, and from a 485-lb. (2X) dam. Bred to Tilfa Pietje B. Fobes. Consigned by Alfred Hovden, St. James.



BAYPORT SACHEM GARDENIA HOMESTEAD
A toppy 2-year-old daughter of North Star Victor Sachem, son of Dunloggin Victor (1019-lb. dam) and a former State champion. Her dam is a 507-lb. 2-yr. Due sale time to North Star Victor Triumph, 724-lb. (2X) dam. Minnesota State Prison, Stillwater.



GROVEHILL WINNIFRED MAN-O-WAR
Another choice bred heifer, due soon after sale time. By Koecher Man-O-War Aaggie Boy, a prize winner at Minnesota. Her dam is a 451-lb. junior 2-year-old granddaughter of "Chip". Consigned by Ralph P. O'Connell, Lee Center.



GILKEY AMBASSADOR MAGNET KING
An outstanding 2-year-old bull with a real pedigree. His dam is an 867-lb. (3X-3.7%) cow of strong Man-O-War and King Bessie breeding. His sire is Carnation Madcap Ambassador, son of Imperial and from the 1209-lb. Madcap full sister to two 1300-lb. cows. Consigned by Kenyon Holstein Farm, Kenyon, Minn.

Minnesota

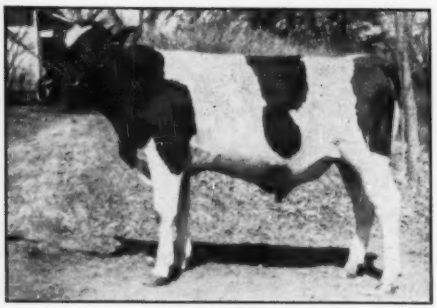
80 TOP HOLSTEINS
Representing the Breed's
OUTSTANDING COWS
SPECIAL — 38 Exceptionally

MON. 11:A. M.
MAY 23

Write today for
Illustrated Catalog

Send 25c to Cover First Class Mailing

LASHBROOK PET WAYNE
A richly-bred heifer with type. By Pabst Embel Wayne whose 7 nearest dams average 873 lbs. fat (4%). Her dam is a 461-lb. 2-year-old daughter of a 767-lb. cow. Bred to Carnation Madcap Ambassador, a 1209-lb. fat son of Imperial. A. J. Lashbrook, Northfield.



CAIRNBRAE ADMIRAL TOBY
A bull calf with type and a solid Pabst pedigree. His sire is Pabst Admiral Cornflower, whose dam is an 844-lb. 4% daughter of Pabst Crusader. His dam has nearly 500 lbs. as a 2-year-old (2X). Her sire was from the highest record daughter of Carnation Sensation. Her dam was by Pabst Piet Cascade Cornflower. Consigned by Cairnbrae Farm, Rochester.

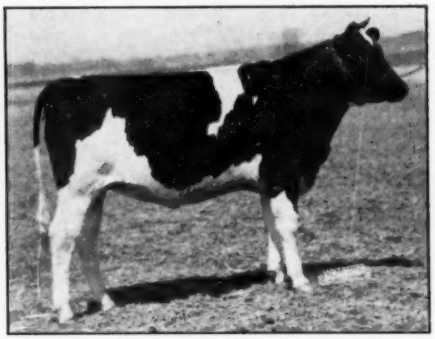
STATE SALE

FROM 52 LEADING HERDS
Most Popular Blood Lines
HEIFERS AND BULLS
Choice Bred Heifers

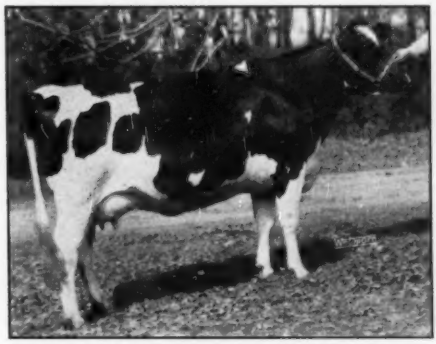
FAIR GROUNDS
OWATONNA, MINN.

Address—
R. W. SEATH, Secretary

342-A Bridge Street, Owatonna, Minn.

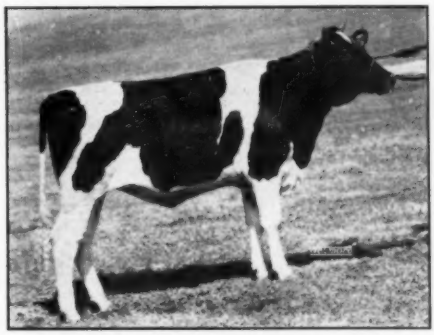


FILCO ORMSBY SEGIS DOROTHY 2D
A showy, bred heifer by Sir Bess Ormsby Pride Pietertje, son of an "Excellent" cow with 891 lbs. fat. Bred to Filco Sir Bess Ormsby Fobes whose dam has 615 lbs. fat (2X). Consigned by H. W. Filk, Biscay.



AGNES SKYLARK STARBRIGHT
A very typey heifer, now on test with 201 lbs. fat in her first 162 days. Due in September to Sir Ormsby Hazel Dictator. Her sire is the proved bull, Sir Skylark Dark Boy. Consigned by Theo. Kuhlmann, Lester Prairie, Minn.

ELMSCOTT MARCELLA RAG APPLE
A richly-bred Rag Apple heifer, due soon after the sale to Montvic Lochinvar 2d (7 nearest dams 874 fat 4.3%). Her sire is Glenafton Rag Apple Monarch, an 840-lb. (4.3%) grandson of Montvic Monogram. Consigned by Mattson Farms, New York Mills.



FRANLO ROYAL JEAN
An open yearling heifer that is bred in the purple. Her sire is Franlo Chip Montvic Royal, All-American 2-year-old son of "Chip". Her dam is a 579-lb. 2-year-old daughter of "Chip", from a 644-lb. cow. Consigned by Franlo Farms, Hopkins, Minn.

The Activity Index

First of all, the Activity Index is not just a "race" between the states.

Its greatest value lies in comparing one state against itself year after year.

In order that sheer force of numbers would not warp the picture, the index was established to measure INCREASE in ten different indices of activity, as compared to a base period. These included registrations, transfers, active members (national), new buyers, herds on AR test, herds on Herd Test, herds classified, state association members and new junior members.

Statistics for each of these ten indices were gathered together from each state for the years 1943-1947 inclusive. Each index was then totalled and divided by five to obtain the average for the index in each state over these years.

Thus was determined the "Base" for each of the ten indices in each state.

Next, the 1948 figure in each case was entered and compared to the corresponding base figure to determine the ten increase percentages for each state. (Divide the base into the current figure in each case.)

When the ten increase percentages were established, they were then totalled and divided by ten to find the ACTIVITY INDEX for each state.

This rule of procedure was followed in all cases except those where an extremely small figure (or a zero) made results either unreasonably large or impossible. In such cases, the following rule applies:

"When base figure is less than ten and current figure is double the base or more, the U. S. index for that item is used."

For example: A base of 1 and a current figure of 7 represents an increase of only 6 units, but statistically would mean an increase of 700%, which when applied would represent an ACTIVITY INDEX entirely out of proportion to the entire study. Obviously, an increase from 0 to 1, while only an increase of a single unit, represents infinite improvement and again is not applicable to the study.

Throughout the study, cases where the above adjustment formula is used are starred (*).

In determining the rank of the states from 1 through 48, ties were broken by carrying the study into the fourth and fifth decimal, although these decimals are not indicated in the published report, since the index is usually considered a three-digit numeral.

While the U. S. Index stands at 133, the average of all 48 states is 119.54. Median point is 125.

Next year's base figure will include 1944-1948 in accordance with the moving base plan established by the Extension Service Committee, The Holstein-Friesian Association of America.

HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA
— Activity Index 1948 —

By Rank		Alphabetic Arrangement	
1. Oklahoma	164	1. Alabama	53
2. Delaware	157	2. Arizona	113
3. Missouri	157	3. Arkansas	99
4. Ohio	154	4. California	142
5. Connecticut	151	5. Colorado	104
6. Maine	143	6. Connecticut	151
7. Indiana	142	7. Delaware	157
8. California	142	8. Florida	56
9. Idaho	142	9. Georgia	85
10. Pennsylvania	140	10. Idaho	142
11. New Hampshire	138	11. Illinois	119
12. Rhode Island	138	12. Indiana	142
13. New Jersey	138	13. Iowa	113
14. North Carolina	138	14. Kansas	134
15. Vermont	136	15. Kentucky	119
16. Utah	135	16. Louisiana	80
17. Massachusetts	135	17. Maine	143
18. Kansas	134	18. Maryland	128
19. Wisconsin	134	19. Massachusetts	135
20. New York	133	20. Michigan	125
21. New Mexico	132	21. Minnesota	106
22. North Dakota	130	22. Mississippi	45
23. Maryland	128	23. Missouri	157
24. Michigan	125	24. Montana	111
25. Oregon	125	25. Nebraska	121
26. Washington	125	26. Nevada	74
27. South Dakota	123	27. New Hampshire	138
28. Nebraska	121	28. New Jersey	138
29. Virginia	120	29. New Mexico	132
30. Illinois	119	30. New York	133
31. Kentucky	119	31. North Carolina	138
32. West Virginia	115	32. North Dakota	130
33. Arizona	113	33. Ohio	154
34. Iowa	113	34. Oklahoma	164
35. Montana	111	35. Oregon	125
36. Texas	108	36. Pennsylvania	140
37. Tennessee	106	37. Rhode Island	138
38. Minnesota	106	38. South Carolina	81
39. Colorado	104	39. South Dakota	123
40. Arkansas	99	40. Tennessee	106
41. Georgia	85	41. Texas	108
42. South Carolina	81	42. Utah	135
43. Louisiana	80	43. Vermont	136
44. Nevada	74	44. Virginia	120
45. Wyoming	71	45. Washington	125
46. Florida	56	46. West Virginia	115
47. Alabama	53	47. Wisconsin	134
48. Mississippi	45	48. Wyoming	71

MEASURE OF HOLSTEIN FRIESIAN ACTIVITIES IN THE UNITED STATES

	1943-1947 Moving Base	1948	Percentage of Base
Registrations	133,926	168,338	126
Transfers	89,664	112,957	126
Active Members	13,745	15,836	115
New Members	1,458	1,346	92
New Buyers	18,925	26,171	138
Herds on A. R. Test	222	250	113
Herds on Herd Test	735	1,314	179
Herds Classified	643	728	113
State Association Members	11,855	14,982	126
New Junior Members	460	908	197
Total of Percentage figures			1,325
Average percentage activity for U. S.			133

HERE IS OKLAHOMA'S WINNING SCORE

	1943-47 Moving Base	1948	Percentage of base
Registrations	502	828	165
Transfers	354	615	174
Active Members	56	79	141
New Members	8	20	92*
New Buyers	105	296	282
Herds on A. R. Test	3	4	133
Herds on Herd Test	2	7	179*
Herds Classified	4	2	50
State Ass'n Members	59	136	231
New Junior Members	1	9	197*
Total of percentage figures			1,644
Average % activity compared with base period			164
Average % activity for U. S.			133

* Adjustments.

If base period is less than 10 and 1948 figure is double base or more, the U. S. index for that item is used.

Note: Detailed figures on individual states may be secured by writing Extension Service, The Holstein-Friesian Association of America, Brattleboro, Vt.

LEW BELL BUYS "REGENT"

One of the most significant foundation purchases in New York reported lately was Lewis Bell's recent acquisition of Glenafton Rag Apple Regent, *Excellent son of "Marksman" for his Larawa Farms herd at Interlaken, N. Y. "Regent" is the 4-year-old son of Little Rock Pabst Colantha, dam of the Reserve All-Canadian Produce of Dam (and Hon. Mention All-American Produce), 1947. He is a full brother to Glenafton Comet and Glenafton Laurel Colantha, the members of that produce. His dam, the popular "Little Rock" cow, has 678 lbs. fat and 18,691 lbs. milk at 7y, 3X, with a 4-lactation total of 58,695 lbs. milk, 3.7%, 2169 lbs. fat. She is classified *Excellent.

"Regent" was purchased from D. W. Shively, Springfield, Ont. With him came twin daughters due in first calf this fall. Lew also bought six head in Canada all going back to Montvic Rag Apple Paul, the foundation sire behind the $1,000 Woodland Pabst Hengerveld Lady cow he acquired at the Amcana dispersal, including a paternal sister to her.

As grandma used to say: "Where there's a will—there's a relative."

ELROC HOLSTEIN DISPERSAL

(Earl D. Rockwell)

Catalog Summary

37 Females 2 Yrs. & Over	$16,680	$450.81
(2 calves under 3 mos. s. w. d.)	290	145.00
3 Bulls over 3 mos.	980	326.67
40	$17,950	$448.75

March 28 was the date Earl D. Rockwell, Union City, Pa., dispersed his Elroc herd for the good average shown above. The sale was managed jointly by the Pennsylvania Holstein Ass'n. and R. Austin Backus, Mexico, N. Y.

Thirteen of the forty animals sold ranged in price from $500 to $700 with George Rose, Spartansburg, Pa., who purchased nine head for a total of $3825, paying the top price for Elroc Emily Dellagain, 7-year-old daughter of Dunloggin Della Again. Other Della Again daughters sold for $650, $620, $625 and three others over $500.

This was a strongly bred Dunloggin herd and attracted one buyer each from New York and Ohio in addition to those from Pensylvania.

Purchases at $500 and over follow:

Geo. Rose, Spartansburg, Pa. (9)
Elroc Emily Dellagain (1-42) $700
E. K. Dillon and H. K. Brugler, Andover, Ohio (5)
Elroc Ruby Dellagain (10-43) 650
Gem Della Fobes (3-39) 635
Elroc Pearl Dellagain (8-42) 620
Ivan Rose, Spartansburg, Pa.
Elroc June Dellagain (9-42) 625
Elroc Countess Dellagain (10-43) 595
Howard L. & Sara Smith, Mayport, Pa. (2)
Elroc Prilly Dellagain (10-44) 555
F. R. & J. M. Fleming, Knox, Pa.
Elroc Sally Goldella (12-44) 545
Elroc Vera Goldella (1-45) 515
Dr. C. K. Barton, Erie, Pa. (4)
Elroc Daisy Dellagain (1-44) 520
Elroc Beauty Dellagain (12-48) 500
Elwin A. Post, Centerville, Pa.
(M) Silvis Farm Lochinvar (6-46) 500
Henry D. Sommer, Waterford, Pa.
Elroc Ann Goldella (12-45) 500

Other buyers were: Dan Troyer, Walter R. Johnson, Union City; T. H. Messinger, Bear Lake; Harry Kerr, Everett Kerr, Centerville; Harry E. Firth, Spartansburg; Joseph J. Dancho, Cambridge Springs; Horace Coe, Union City; Omar R. Bowser, Kutanning; Burl Hayes & Sons, Edinboro; A. C. Harwood & Son, Wattsburg, Pa.; M. J. Humphrey, Williamsfield, Ohio; and Richard V. Odell, Clymer, N. Y.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

$7,000 SALE AT ERB'S

One of the largest crowds that ever attended a C. S. Erb & Co. sale turned out on March 28th for their annual spring sale of Canadian Holsteins at Middletown, Pa. Over 200 head of cows, heifers, bulls, yearling heifers and weaned calves were sold to buyers from New Jersey, Maryland, Virginia and practically every county in Pensylvania.

Cows sold from $250 to $970; first-calf heifers from $250 to $600; weaned heifer calves from $70 to $250; bulls from $250 to $900—the latter price being for a Sovereign son that went to J. P. Thompson & Son of Chester County. The largest buyer took $13,190 worth and quite a few others purchased from five to eight cows.

FRACTURES

Mrs. John K. Smith, Menomonee Falls, Wisconsin, is recovering from a bad limb fracture she received when, on a shopping expedition, she fell on the ice in the streets. John K. and Mrs. Smith are familiar figures at the midwest shows and sales. A. C. Abercrombie, manager of Eastern Oklahoma State Hospital herd and state secretary fell and fractured a leg at the barns soon after the Tulsa show and sale. He writes—"and on top of that my best friend taught my two year old boy to say, 'I like Jersey milk' while I was away." This accident did not prevent "Abie" from making a flying trip to Chicago the middle of April to look after some pending cattle deals and caring for these on crutches.

HARTHOLM FOLDER

Douglas Hart, Hartholm, Woodstock, Ontario, R. R. 6 has sent us a copy of his new herd folder. It presents very concisely the breeding program at Hartholm, with pictures of many of their foundation animals and famous producers, including one group of eight 100,000 lb. cows at present in the herd, also lists the Hartholm cows with two or more R O P records. They make a very impressive showing. Copies are available upon request to Mr. Hart at the above address.

★ SPECIAL BARGAINS AT

PRIVATE SALE

SEVEN GRANDDAUGHTERS OF GOVERNOR OF CARNATION, sired by Carnation Homestead Monarch (800-lb. dam). From 16 to 22 mo. of age, just ready for breeding. All are from Carnation-bred dams and backed by generations of DHIA testing. Calfhood Vacc. Herd in S. Central Wis. **Take them all at $350.00 each.**

TWO DAUGHTERS OF 774-LB., 4.3%, SHOW SON OF "BURKE". One 2-yr.-old due in fall, **$500.00.** Other recently bred, **$400.00.** Also one choice cow, due soon to sire of above heifers, **$400.00.** From herd in E. Central Wisconsin.

SIX BRED TWO-YEAR-OLD HEIFERS, Big, well-grown . . . due in August and September, from one of the finest herds in northern Illinois, simply long on heifers. **Take them all at $425. each.** A choice lot of Calfhood Vaccinated heifers.

A MOTHER and DAUGHTER PAIR. The cow just turned 5 yrs., made 407 lbs. fat, 3.5% in 291d at 2 yrs., is by Ormsby-Burke-Fobes sire and from 412-lb. 2X dam. Daughter, a 2-yr.-old, is by 740-lb. son of Dunloggin Belwin. Both are due in September. From Certified Herd in E. Cent. Wis. A very choice pair for foundation purposes. **Take the pair at $1,250.00.**

THREE LINE-BRED "BURKE" BABIES—heifers sired by showy son of Pabst Regal. Dams are by show-son of "Burke" and now on DHIA test. Three months of age. **If taken quick, $300 each.** Farm in E. Cent. Wis.

"BURKE" SONS AND GRANDSONS . . . We have assisted in sale of a number of high-record sons of "Burke", "Roamer" and "Regal" and have new listings to offer all the time.
SPECIAL: 5-year-old show son of "Burke" from a 774-lb. 4.3% dam of rich Pabst breeding.

Price $3,500. E. Cent. Wis.

More listings wanted . . . principally large groups of females . . . Ormsbys, Carnation, Maytag, Dunloggin, Winterthur, Osborndale and Rag Apple lines. Note: We can offer no service on bulls over year-old other than those from high-record AR or HIR Dams.

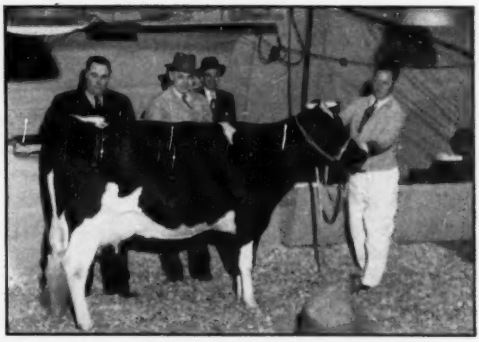
All quotations subject to prior sale. Write, phone or wire—

A. W. PETERSEN & ASSOCIATES

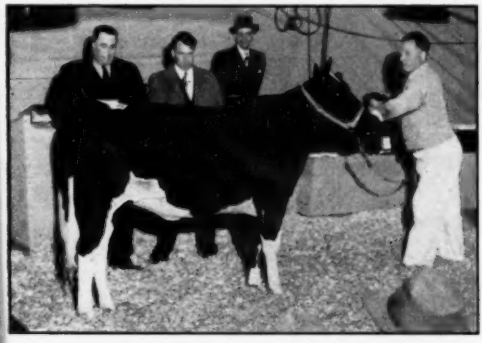
PHONE 470 **OCONOMOWOC, WIS.**

Stars of the Miller Acres Dispersal

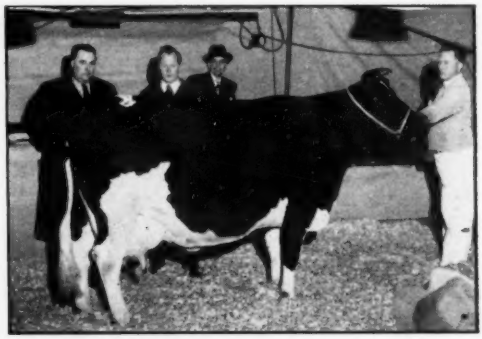
ESSEX MOOIE TRIUNE DESIGN ($1600)
Twice 700-lb fat daughter of Dunloggin Design, 7 years old. The buyer, Burr Sherwood, Livingston Manor, N. Y., is at the right.



CALLEE MISTLAND CARY X DUNLOGGIN ($1575)
A choice 3-year-old granddaughter of Dunloggin Golden Cross, purchased at $1575 by Jonas Gruver, Thomasville, Pa.

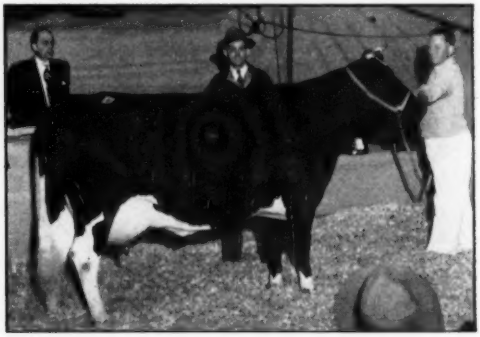


MAPLE HAVEN MISTRESS VAR ($1525)
Yearling daughter of "Wonder Var" out of Dunloggin French Mistress. Mr. Miller is at the left, and the buyer, Francis Ryan, Billings, N. Y., right.



JONABELL DEANNA ($1410)
Twice 600-lb. fat 10-year-old brood cow, due this month to "Gold Master." John E. Roebuck, Walden, N. Y. at the right, is the young buyer.

NORTH STAR PATRICIA VICTORIA ($1250)
This lovely 2-year-old daughter of Dunloggin Victor was purchased by Meadow Springs Farm, Alliance, Ohio. Mr. W. W. Baughman in photo with Mr. Miller. Mr. Backus in background.



NORTH STAR DELLA EONE ($1210)
585-lb. fat 3-yr-old daughter of Dunloggin Follow On whose full sister topped the North Star dispersal at $3,200. Edward Bach, Goshen, N. Y., buyer.

Miller Acres Dispersal

(Continued from page 27)

calves and yearlings by Dunloggin Golden Cross averaged $513.50; 8 heifer calves by Dunloggin Gold Master averaged $518; 11 heifer calves by Wee Joe Patrick L'Dessic averaged $415.

Mr. Miller had the cattle looking in A-1 condition and was host to more than a hundred visitors on Sunday preceding the sale with refreshments and a delicious buffet meal. The pool on the sale average was won by Clarence Royer of Lebanon, Pa., on a guess of $740.

Sale management was capably handled by the R. Austin Backus organization, with C. B. Smith as assistant auctioneer.

Buyers and the complete list of animals selling for $500 or more were as follows:

Harvey F. Farrington, Lowville, N. Y.
Maple Haven Olivia Var (2-48) $3150

Sussex Co. Coop. Breeding Ass'n. Sussex, N. J.
(M) Dunloggin Goldmaster (2-41) 2600

Thomas H. Benton, Blairstown, N. J.
Maple Haven Olive Var (12-46) 2225
Miller Acres Josie Adella (12-47) 760

Joseph O. Canby, Langhorne, Pa.
North Star Sheila Adella (2-45) 2000
North Star Deanna Victoria (5-45) 1675

Burr Sherwood, Livingston Manor, N. Y.
Essex Mooie Triune Design (12-41) 1600

Jonas Gruver, Thomasville, Pa.
Callee Mistland Cary X Dunloggin (12-45) 1575
North Star Victoria Bets (1-45) 1000

Francis Ryan, Billings, N. Y. (6)
Maple Haven Mistress Var (5-47) 1525
North Star Dorothy Victoria (12-44) 1075
North Star Della Bon Bess (5-44) 1000
Miller Acres Mistress Sheila (1-49) 630
Miller Acres Mistress Model (2-49) 560

John E. Roebuck, Walden, N. Y.
Jonabell Deanna (4-39) 1410

Meadow Springs Farm, Alliance, Ohio
North Star Patricia Victoria (7-46) 1250

Edward Bach, Goshen, N. Y.
North Star Della Eone (2-44) 1210
Essex Markmaster Design Triune (12-46) 1000
Rolling Knoll Black Mooie (12-45) 980
Locvale Matador Kay (1-43) 700
Miller Acres Duchess Kay (5-47) 600

Adam A. Fernsler, Lebanon, Pa.
(M) Miller Acres King Kay (8-48) 1000

S. B. Hendershot, Newton, N. J.
Lizzie Ormsby Homestead Fobes (4-44) 1000

Harry L. Weaver, Alliance, Ohio
North Star Winifred Queen (2-47) 920

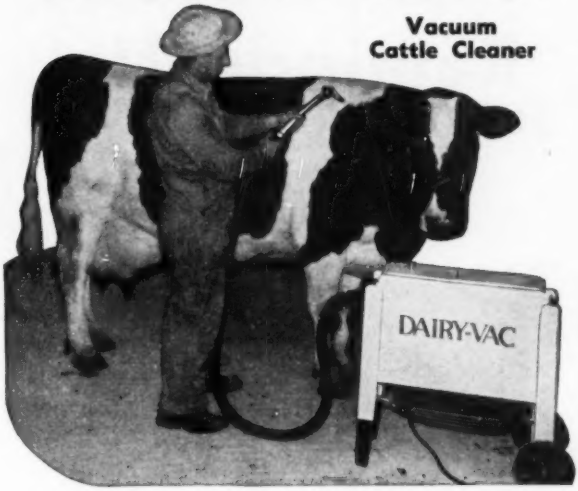
H. M. Kouri, Hopewell Jct., N. Y. (8)
(M) Weejoe Patrick L'Dessic (11-45) 800
North Star Nanette Susete (8-42) 675
Saladin Model Winona (7-46) 650
Miller Acres Gvar Creamelle (2-46) 610
Rolling Knoll Miss Mooie Burke (1-44) 600
Miller Acres Queen Creamelle (7-48) 540

Elmer Stoltzfus, Yellow House, Pa.
North Star Duchess Victoria (4-5) 800
Miller Acres Golden Matador (11-47) 550

(Continued on page 72)

DAIRY-VAC

Vacuum Cattle Cleaner



Her Comfort makes a Difference
every Day in the year

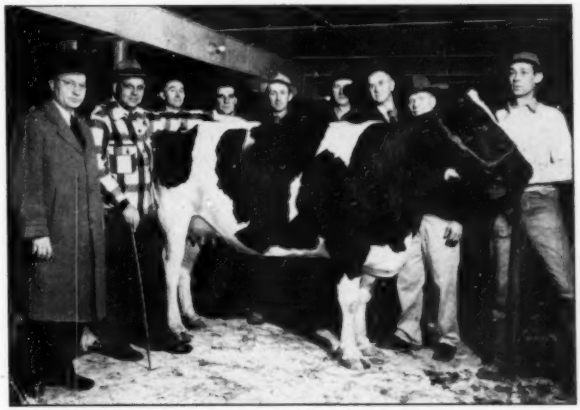
Remove oily, irritating dirt, dandruff, and bacteria carrying dust with DAIRY-VAC. A vacuum cleaner with new, patented principle for removing and storing large quantities of animal dirt and hair, without clogging or losing vacuum power. Cleans cattle thoroughly, quickly, and quietly.

Priced for use on every farm. Accessories for brushing stanchions, drawing down cobwebs, and spraying included.

Send for Illustrated Folder Today.

DAIRY-VAC — Plymouth, Wisconsin

"Our DAIRY-VAC occupies a permanent place in our barns."—Joe Gemmeke, Clyde Hill Farms, Clyde Hill, Mo.



AT KENOSHA (Wis.) BARN MEETING
Interrupting their inspection of Fleetwing Aaggie Jeanette to peer at the photograher are (left to right): Dr. E. E. Heizer, U. of Wis. Ag. College; Charles C. Brace, Wis. fieldman; Roy Kreuscher and Elmer Bartel, directors of the Kenosha Ass'n.; Walter Biehn, club secretary; George Clausen, club V.P.; Dr. Paul Pifer, host to the barn meeting; Henry Richter, Club president, and Dick Hansen, operator of Dr. Pifer's Cresthaven Farms at Kenosha, Wis.

Final

Reminder!!

The Third We

MONDAY —

MINNOW CREEK EDEN DELIGHT S

Wolverine Sale Pavilio

Located on U. S. 16 — 6½ Miles East of

90 — Head of

Accredited — Negative — Man

A Few of the Female Headliners

The New National Champion

MINNOW CREEK EDEN DELIGHT

4y 11m 305d 2X — 20010 M. 4.1% 827.6 F.
(National Champion for fat)
4y 11m 365d 2X — 22280 M. 4.2% 937.3 F.
(Second in the Nation)

Daughter of Posch Ormsby Fobes Eden from a marvelous brood cow. Full sister to another National Champion 906-lb. junior 3-year-old on 3X. (HARRY ROSENBURY).

An Excellent 4.4% Cow

TULANE INKA PIETERTJE (Excellent)

Has three 2X records at 2½ yrs., 3½ and 4½ yrs., averaging 643 lbs. fat, 4.4%. Daughter of a Gold Medal Sire. Due in April by Pabst Comet, the calf, if a bull, sells with her. (ERNEST HIIGLI).

A Great Group From OTCO

See their pictures in the April 16 "WORLD". They include daughters of Dunloggin Romeo Var, a daughter of Dunloggin Woodsman from one of the greatest Lochinvar daughters, and Veediction's full sister, daughter of Lochinvar from Vera.

A Top Show Prospect

RAG APPLE PIEBE ALMA BURKE

"As great a prospect for the 3-yr.-old class next fall as I have seen".—C. B. S.

She is a daughter of Rex Chief of Staff, one of the greatest sons of Chief — and she is bred back to Chief, her Gold Medal grandsire, due August 8, just right for the shows. (BUTH BROS.).

Two Daughters of Raymondale Ideal Successor

One a mature cow with 659 lbs. fat and due sale time by a son of Ideal Successor. (FOR-MAR FARMS).

The other an August 1948 calf, just right to show this fall. (J. E. BURROUGHS).

— — — —

Other female stars include the two young daughters of Dunloggin King Var from Harden Farms . . . a sensational pair of P.O.F. Eden daughters from J. A. Newman & Sons . . . a Pabst Burke Creator daughter from Bo-Cann . . . a daughter of Farfields Champion from Tullis . . . and dozens more that we told you about last time.

Sale Headquarters
HOTEL OLDS
Lansing, Michigan
May We Help You With Reservations

Be Our Guests on Sunday Before Sale

C. B. S

Sale Manager and Auctioneer

lverine Classic

AY 9, 1949

RTS THE SALE AT 11 A. M. SHARP

Williamston, Michigan

ansing, 2½ Miles West of Williamston.

All-Tops — 90

Certified — Many Vaccinated

Some Marvelous Herd Sire Prospects

POND GATE OVATION
A two-year-old son of Curtiss Candy Ovation (Montvic Renown and Mistress Grace) and out of Dunloggin Fairy Gold, famous daughter of Golden Cross and Proud Mistress (1062 F. 4.4%).

PABST ROBURKE RITO
An October 1948 son of Pabst Roamer (Excellent) from Pabst Burke Rita, 600-lb. 3X junior 2-yr.-old daughter of Burke. (PABST FARMS, INC.)

SKOKIE AGAIN PRINCE CREAMELLE
A March 1948 son of Dunloggin Lochinvar Prince from a State Champion daughter of Marie Creamelle Johanna (705 F. at 4y), a member of the All-American Produce of 1946. (ELMWOOD FARMS).

ROAMER PABST BURKE
An August 1948 son of Pabst Roamer (Excellent) from Weber Burke Hope (VG), a 500-lb. 2X junior 2-year-old daughter of Burke. (D. Q. ADAMS).

MINNOW CREEK RODEE
A January 1949 son of Pabst Roamer (Excellent) from Minnow Creek Eden Delight, the new National Champion described on the opposite page. (HARRY ROSENBURY).

FARFIELDS CAESAR
An April 1948 son of Pabst Signal ($8,100 son of Burke) from a V.G. (with 1st calf) 625-lb. 4.27% 3-year-old daughter of an 821-lb. Excellent dam. (F. W. TULLIS).

MAPLE LEA GRANDEE B
A September 1948 son of Farfields Grandee, the son of Creston Twenty Grand from "Barbie", Excellent 949-lb. 11-year-old. Dam of the calf is a V.G. 651-lb. 2X 3-year-old granddaughter of Raymondale Successor. (LORNE B. REID).

ONE FROM HICKORY CREEK
A July 1948 son of Creston Twenty Grand (Pietje B and Chief) out of Creston Rag Apple Hollyhock, 585-lb. 4.2% 3X senior 2-year-old daughter of Chief; second dam a V.G. 646-lb. 2X junior 4-year-old. (HICKORY CREEK FARMS).

VILLAGE ACRES GRAND DUKE
An April 1948 son of Twenty-Three Grand (Pietje B by Chief) out of a dam with 852 F. at 11 years, 811 F. at 10 years, and four other records from 707 to 795 lbs. fat. (JOHN C. BUTH and AL. REISBIG).

CASCADE SUCCESSOR WESTVIEW
A March 1948 son of Raymondale Ideal Successor from a 594-lb. 2X senior 3-year-old daughter of a 1022-lb. dam. (F. C. CAMPAU).

GLEN RAG APPLE SOVEREIGN
A September 1948 son of Montvic Rag Apple Sovereign from a dam with 114,341 M. 4165 F. in 8 lactations, 2X, with great production all the way back. (W. G. WHITNEY & SON).

RAG APPLE LASS SOVEREIGN
An August 1948 grandson of Sovereign from a 532-lb., 2X junior 3-year-old granddaughter of Supreme Grand Slam. (HERMAN KERN).

ROSE BROOK ORMSBY ROAMER
An April 1948 son of Pabst Roamer Mont, high record son of Roamer. Dam of the calf is a 606-lb. 2X granddaughter of King Bessie Model Fayne. (R. A. POTTER).

And Look Them Over at Your Leisure

MITH

Williamston, Michigan

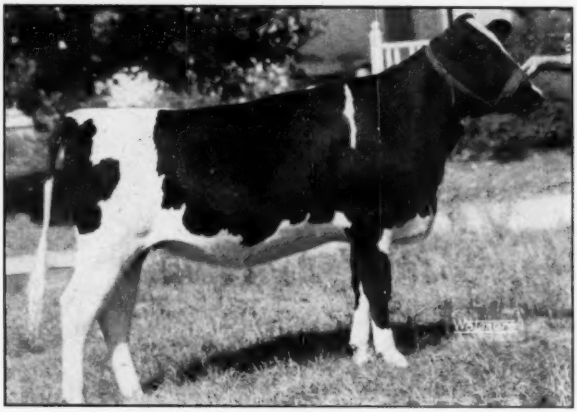
Catalogs Now Ready
Still Time to Get Yours
Please Send 50c With Order

The 3rd Wolverine Classic

MONDAY, MAY 9—WILLIAMSTON, MICHIGAN

A Few Late Entries

(Not Mentioned Last Time)



LASSIE BURKE BREEZE (Selling)
Born Jan. 8, 1947 — Vaccinated and Negative
A daughter of Pabst Burke Breeze from a granddaughter of Admiral Ormsby Fobes of Rock. The dam has 522 lbs. fat 3.8% in 305 days on DHIA. Bred Dec. 2 (due just right for the fall shows) to Anker Fobes Admiral 826750, proven son of Vickery Vale Fobes 2d out of a daughter of Admiral Ormsby Fobes of Rock. (George Kieffer)

Mr. Kieffer also consigns a granddaughter of Pabst Burke Breeze, out of one of his best daughters, now making a great 3-year-old record, her first test 5%. She is a January yearling by a great Crescent Beauty sire.

Howard M. Stolle, Ohio, sends us two November 1946 heifers both due about sale time by the $3,000 sire, Winterthur Fobes Nebska Yankee, whose 15 nearest dams average 929 lbs. fat with 3.8% test. One of these heifers is sired by Oostie Lochinvar Homestead, son of Montvic Posch Lochinvar No. 2 from an 800-lb. 2X senior 3-yr.-old daughter of an 858-lb. cow.

Mooseheart Farm, Illinois, consign an August 2-yr.-old sired by Mooseheart Admiral De Kol, V.G. son of De Kol Lady Rag Apple, Excellent 893-lb. brood cow, whose life record is 145,732 M. 5,298 F. Due in late June by another son of De Kol Lady Rag Apple and Dunloggin Lochinvar Prince, the great Elmwood herd sire.

H. A. Miller & Sons, Michigan, send a good record double granddaughter of Blythefield Ormsby Supreme, due sale time to Creston Rag Apple Design, son of the Gold Medal Chief from an Excellent 640-lb. 2X daughter of Triune Pansy Supreme.

Harry Markheim, Illinois, sends a March 2-yr.-old by a V.G. Winterthur-bred sire and from a 594-lb. 4% 2X dam, due in July by a 733-lb. 4% sire.

Elmwood Farms, Illinois, gave us still another entry, a young cow just turned five years old, making a 4-yr.-old record of about 635 lbs. fat with 4.1% test, due a month after sale by Dunloggin Lochinvar Prince. **Also from Elmwood** comes a young cow that made 620 lbs. fat at 2 yrs., she a daughter of the $15,000 Dunloggin Deen Var from a daughter of Sunbeam Pride Transmitter (GM), next dam a 977-lb. 4.1% 4-yr.-old; third dam 906-lb. 4.4% 4-yr.-old. Due in June by a son of Prince.

Dr. and Mrs. Herbert Lothe, Wisconsin, consign a 449-lb. G.P. 2-yr.-old, fresh last June and due again in June by a son of Prince.

John M. Smith, Michigan, sends a May 1947 daughter of Farfields Sir Pietertje Rag Apple (VG), a Silver Medal son of a Gold Medal Sire from an Excellent 772-lb. dam. Bred in December to a 707-lb. son of Carnation Perfection Triumph.

D. Q. Adams, Pennsylvania, permitted us to select an August 1948 son of Pabst Roamer from a V.G. 500-lb. 2-yr.-old daughter of Wisconsin Admiral Burke Lad. Also a December 1947 daughter of Pabst Burke Gold, by Burke and from an Excellent 755-lb. daughter of North Star Jim Dandy (VG-GM).

E. F. Wieneke Co., Michigan, sends a March 1948 daughter of Carnation Field Marshall from a 504-lb. 2X 3-yr.-old dam.

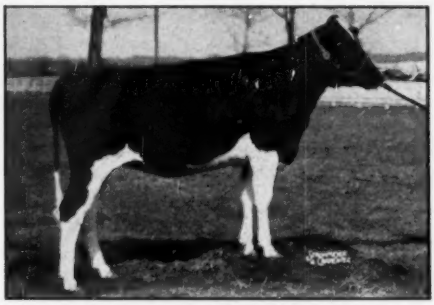
Attend This Sale and See For Yourself

C. B. SMITH, Sale Mgr. & Auct. — Williamston, Mich.

Two Dunloggin King Var Daughters from Sensation 45th Bred Dams

Consigned to the WOLVERINE CLASSIC

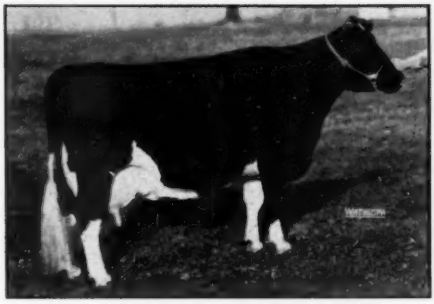
1— The Choice of His Bred Daughters from a 738-lb. Fat Daughter of Newmont Major



HARDEN FARMS KING CAROL
Born—December 31, 1946
Bred January 31, 1949 to Harden Farms Deen Supreme.

HICKORYVALE MOOIE CANARY
Dam of the Service Sire Record at 4 years—
20,224 Milk 806 Fat 4% Test

THE CALF CAROL CARRIES COMBINES THE BLOOD OF



DUNLOGGIN MISTRESS QUEEN
"Excellent"
21,775 Milk 3.97% 858 Fat

— AND —

DUNLOGGIN ADEEN
"Excellent"
25,335 Milk 4% 1019 Fat

2— A Good Junior Yearling Prospect—HARDEN FARMS KING MAUREEN. Born January 13, 1948, her dam is Marathon Ellbank Bess, a 622-lb. 3-year-old daughter of Ellbank Marathon Jewel Joe, a proven sire in service at the Beacon Milling Company farm.

A SAMPLE OF KING MILKING DAUGHTERS

HARDEN FARMS KING ANNE

HARDEN FARMS KING INA

HARDEN FARMS **Camden, New York**

To the Wolverine Classic May 9th

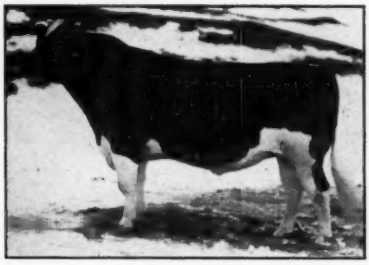
A son of Creston Twenty Grand from Creston Rag Apple Hollyhock is our consignment to the Wolverine Classic. This youngster, born July 30, 1948, is a dark, straight, good type calf.

He represents extremely high test, for his dam, a daughter of Montvic Rag Apple Chief, has the following production records: At 2½ years, 3X, 365 days, 13788 lbs. milk, 4.2%, 585 lbs. fat; at 3½ years, 302 days, 2X, 10733 lbs. milk, 4.8%, 514 lbs. fat; and this year in 174 days on 2X she has 12290 lbs. of milk and 499 lbs. of fat and is still milking very well.

His sire's dam has 964 lbs. of fat with 5% test. Thus, he represents very intense Rag Apple breeding with phenomenal test.

If you are looking for a chance to build into your herd the factors for great test and exceptional production, don't overlook this youngster, selling at Williamston, Michigan in the Wolverine Classic May 9th.

CRESTON RAG APPLE HOLLYHOCK
Daughter of Montvic Rag Apple Chief from the "VG" 646-lb., 2X, Creston Betty Triune. "Hollyhock" is the dam of the young bull we are sending to Williamston. She has 585 lbs. of fat as a 2-year-old and is now making a sensational 4-year-old record.



CRESTON TWENTY GRAND
Our $19,500 son of the Excellent, All-American, 5% Montvic Bonheur Pietje B. He is the sire of our bull calf consigned to the Wolverine Classic, May 9th.

Hickory Creek Farms

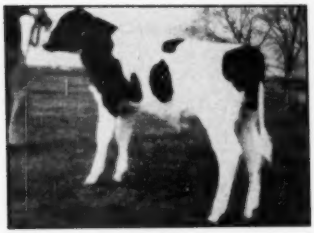
Howard Foundries
Owner

West McHenry, Illinois

A. C. "Whitie" Thomson
Herd Manager

RAVENGLEN TO MINNESOTA

Ravenglen Farms, Antioch, Ill., reports the recent sale of the bull, Ravenglen Oak Burke Lad, to N. E. and James R. Muzzy, Thief River Falls, Minn., a father and son combination who have built up one of the finest herds in Northern Minnesota and have been making an extended search for a herd sire. The father, N. E. Muzzy, is in partnership with his son, James, in ownership of the Holstein herd and two other sons operate the large farms on a partnership basis. The bull selected is one of those recently advertised in the Ravenglen space in the **WORLD,** a son of Dictator Ormsby Oak from Pick Spring Montvic Burke Lass. All-American four-year-old 1942.



RAVENGLEN OAK BURKE LAD
Sold by Ravenglen to N. E. and James R. Muzzy, Thief River Falls, Minn.

PENNSYLVANIA SPRING CLASSIFICATION

The Spring Classification period in Pennsylvania was with the breeders in Southeastern Pennsylvania with W. A. Weeks, North Clarendon, Vermont, the official classifier.

Three hundred and twenty-eight head were inspected plus five head for medal rating and two imported Canadian cows were classified in order to register imported in dam bull calves.

Of the 328 head, 212 were classified for the first time, and 25 of those previously classified were given higher rating making a total of 237 with new ratings.

Mr. Weeks found 3 cows worthy of an Excellent rating, 2 in the herd of J. C. Garber, Lancaster, and the other in the Red Rose Experimental Farms herd, Lancaster, owned by Roy Eshelman. Mr. Garber bred the excellent cow, Spring Lawn Pearl Creator Imuda 2362968 born December 5, 1942, and is sired by Belle Crest Dean Jackson. Mr. Garber's other excellent is Peace Pauline Pontiac Pan 2231956 born November 30, 1940.

The other excellent cow was bred by the Red Rose Farm and is Red Rose Piebe Lires, born May 4, 1938, and is sired by Colanthus Sir Piebe.

The group showed four excellent (one having been previously classified excellent) 86 very good, 107 Good plus, 102 good, 19 Fair. There were also 4 poor, which automatically cancelled their certificates. Six fair certificates were cancelled.

The Third Wolverine Classic

MONDAY — MAY 9

Three Late Entries
from Indiana

Just received, too late for mention in the main advertising, we receive the following three entries from Indiana:

1. G. V. FRANCY SOVEREIGN—Born Dec. 12, 1945
DHIA — 2y 365d 13780 M. 450.6 F.
Vaccinated and negative — a granddaughter of Montvic Rag Apple Sovereign, due in June to Van Hoosen K B O P 509, whose dam is a V.G. cow with 645 F. 3.8% at 4½ yrs.
(LEONARD HIBSCHMAN, Syracuse, Ind.)

2. HOOSIER DELL BESSIE POSCH FOBES—Born 7-23-47
Calfhood Vaccinated
First prize senior heifer calf at Grant County 4-H Show 1948. Her sire is a son of Posch Ormsby Fobes Eden from a dam with 536.4 F. 3.9% at 2y, 608.6 F. 3.8% at 3y and 680 F. 3.8% at 4y, all 2X. Her dam has a record which will be announced at the sale. Due in September, just right for the shows, by Bancroft Acres Renown Chief Var.
(WILLIS HOKE, Jonesboro, Ind.)

3. FOBES MONICA BESS BURKE—Born 3-28-47
Calfhood Vaccinated
A daughter of Curtiss Candy Renown Gordon from a record dam, due right after sale by Carnation Conrad, who is a son of Carnation Black Magic, from a 599-lb. dam.
(WILLIS HOKE, Jonesboro, Ind.)

Remember---
The First Animal in the Ring at 11 Sharp
will be
MINNOW CREEK EDEN DELIGHT
(National Champion)

C. B. Smith

Sale Mgr. & Auct.
Williamston, Mich.

SUMMARY OF APRIL 1949 CLASSIFICATION
(Including Those Previously Classified)

Owner and Address	E	VG	G+	G	F
Howard D. Baldwin, Jr. and Thomas J. Merkel, Kutztown, Pa.		1	5	11	2
George M. Hunsberger, Plumbsteadville, Pa.		7	13	5	1
John C. Thompson and Sons, Newtown, Pa.		6	7	11	1
Willow Ridge Farm, Lawrence Lindquist, Willow Grove, Pa.	1	15	22	10	5
Furman H. Gyger Jr., Kimberton, Pa.		3	6	10	1
Job Stoltzfus, Elverson, Pa.		10	12	10	1
J. C. Garber, Lancaster, Pa.	2	4	2	8	4
Richard Hyatt, Ronks, Pa.		4	3	4	
John C. Metzler, Christiana, Pa.		7	8	10	2
Southeastern Artificial Breeding Coop., Landisville, Pa.		5	2	1	
Red Rose Experimental Farms, Lancaster, Pa.	1	10	15	17	
Hubert Miller, Myerstown, Pa.		14	12	5	2
	4	86	107	102	

At least three of the herds classified should qualify for the Progressive Breeders Award during 1940.

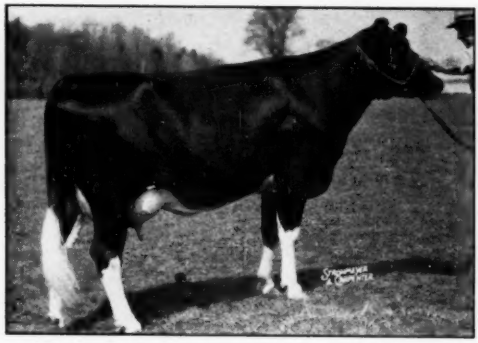
Above is a summary of the herds classified:

The Jewish Consumptives' Relief Society, Spivak, Colorado has a new state champion senior 4-year-old on 2X in Jaysee Bracelet Fobes Ultra (G.P.). Her new record is 708 pounds of fat from 16,116 pounds of milk with a test of 4.4%. She was bred by the institution and is sired by 920-lb. son of Posch Ormsby Fobes 14th from a daughter of Carnation Joe Creamelle.

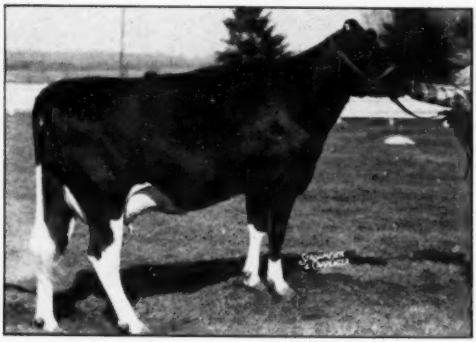
Harden Farm Bull Goes to Adohr Farms, Camarillo, Cal.

HARDEN FARMS ADOHR KING
A son of Dunloggin King Var, the $10,500 son of the $10,100 Dunloggin Mistress Queen, out of Locvale Knight Key, a Dunloggin Knight daughter with a 3-year-old record of 16,347 Milk, 4%, 646 Fat and on retest promising an 800-lb. fat record.

A PAIR OF MILKING DAUGHTERS OF KING VAR



HARDEN FARMS KING ANNE
Fresh January 9, 1949.
Has averaged over 2 lbs. fat a day for the first 3 months.



HARDEN FARMS KING INA
Fresh November 15, 1948.
Has averaged 2 lbs. fat a day for the first 5 months.

Watch this space in next issue for pictures of the daughters of Dunloggin Deen Var.

HARDEN FARMS — Camden, New York

Canadian National Sale

Canada's Oldest Annual Auction

National CANADA Holstein Sale

Canada's Leading Spring Sale

MONDAY — MAY 23

Municipal Arena

Oakville (Downtown) Ontario

Located just off the Queen Elizabeth Way, Midway Between Hamilton and Toronto.

76 — Registered Holsteins — 76

ONLY 7 BULLS

All Hand Picked by the Sale Manager
Practically all Bang's Vaccinated

Some Bang's Listed (Certified)

Many Eligible for Shipment to the United States

MONTVIC RAG APPLE MARKSMAN

MONTVIC MONOGRAM

These Four Sires Have Offspring In the Sale

These are only a few of the great sires represented by sons or daughters or both inp this great sale event.

We believe we have more good milking age cows — many fresh or springing — than we have had in a sale in a long time; also a choice lot of "Glamour Babies", bred, open and young calves. Bulls are limited in numbers but high in quality and blood lines.

Send 50c for Catalogue

L. E. FRANKLIN

Sale Mgr. and Auct.,
170 Silverbirch Ave.,
Toronto, Ont.

CAN WE HELP YOU WITH HOTEL RESERVATIONS?

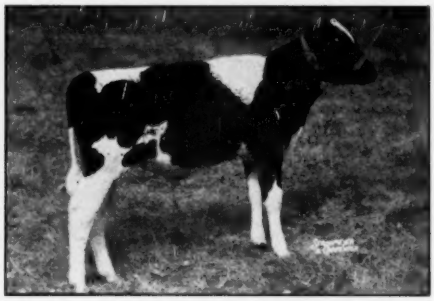
MONTVIC RAG APPLE SOVEREIGN

MONTVIC RAG APPLE ACHILLES

STARS OF THE CANADIAN NATIONAL

Seven Great Herd Sire Prospects

1. A 1036-LB. SON OF ROWSDALE SOVEREIGN



BOND HAVEN SOVEREIGN MAJESTY

A January 1949 son of Rowsdale Rag Apple Sovereign from the highest record Marksman daughter—Belle Rag Apple Hengerveld (VG) with 1036 F. 4.29% on 3X, she from the same dam as Belle Dixie Mercedes (VG) with 1117 lbs. fat, 4.25%, on 3X.

2. A 1038-LB. SON OF ALADDIN
Elmcroft Benevolence
Born Aug. 9, 1948

A son of the $14,000 sire, Glenafton Rag Apple Aladdin, he a full brother to the famous Brownie daughter of Marksman.

The dam, Elm Sylvia Colantha (GM), made at 3 yrs. on 4X 28205 M. 3.68% 1038 F., has 3X records up to 959 F. and a life total of 165,712 M. 3.79% 6282 F. in 8 lactations.

She is dam of the famous Sylv-O-Gram.

3. AN 1117-LB. SON OF MARKSMAN
Bond Haven Rag Apple Matchmaker
Born March 26, 1945

Reserve senior and reserve grand champion bull at Charlottetown 1947, showing as a short age two-year-old. He is an own son of Marksman from Belle Mercedes Dixie (VG) with 1117 F. 26271 M. 4.25%, she a maternal sister to Marksman's highest record daughter to date—Belle Rag Apple Hengerveld (1036 F.) This bull has been used in several leading herds in Prince Edward Island and his proving is well started.

4. A DOUBLE GRANDSON OF AJAX
Eglantiers Emperor Royal
Born Sept. 2, 1948

A son of Montvic Emperor Ajax (XXX), noted grand champion sons of Ajax from an *Excellent twice 1000-lb. daughter of Emperor and Montvic Rag Apple Meg, a VG 921-lb. daughter of Johanna Rag Apple Pabst.

The dam is an Honor List daughter of Montvic Rag Apple Ajax (XXX) and the second dam a Nobleman daughter with 706 F. at 2y and 733 F. at 3y.

5. AN 850-LB. SON OF SOVEREIGN
Charlesholm Rag Apple Sovereign
Born July 28, 1948

An own son of Sovereign from a dam with 850 F. 4.58% 4y 2X, Honor List Leader, and with three other good records testing 4.5 to 4.83% each year, and she a granddaughter of Montvic Rag Apple Pietje.

6. A SON OF SOVEREIGN SUPREME
Cataract Pietje Sovereign Triple Threat
Born November 1948

Son of Spring Farm Sovereign Supreme, a twice All-American son of Sovereign.

The dam, with four records testing 4%, has 777 F. at 3y 3X and is sired by the oldest son of Pietje B.

7. A HIGH RECORD SON OF DARKEY
Abegweit Dunstan
Born June 17, 1948

A son of Browns Master Darkey, who is a full brother to the famous show winner and producer, Browns Mistress Corrine at Franlo.

The dam, on test at 2y, 3X, has 10,425 M. in 256 days and her tests have been 4.7, 4.6, 5.1, 5.0, 5.1, 5.1, 5.1, and 5.3%. Second dam is Abegweit Stardust with 715 F. 4.37% at 3y and 694 F. 4.36% at 2y, both 3X.

Here Are Great Herd Sire Opportunities

We are sorry not to be able to show pictures of all of them as they are all high class individuals. They will speak for themselves at the sale. As you see, they are sired by seven of the best known sires in Canada today and all are from high record dams with proven blood lines back of them for generations. Study the complete pedigrees in the catalogue and you will be impressed with the value of these seven great bulls.

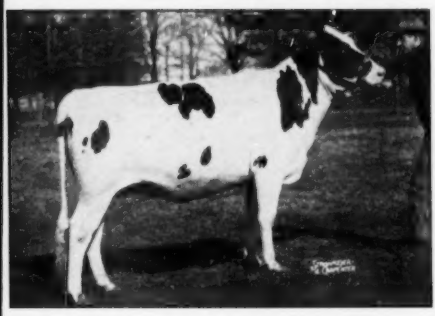
The Date — Monday, May 23 — At Oakville, Ont.

For Catalogue, Send 50c to

L. E. FRANKLIN, Sale Mgr. & Auct.
170 Silverbirch Avenue, Toronto, Ont.

STARS OF THE CANADIAN NATIONAL

Some Representative Females



THAMESVIEW PATHFINDER SEGIS (Vaec.)
A daughter of Pathfinder Supreme from a King Hartog Mercedes Echo daughter that just produced 19,656 lbs. milk, and bred to Raymondale Rag Apple Finest, who is a son of Sovereign Rag Apple Netherland from a 654-lb. 2-yr.-old daughter of Ajax.

BAKER DAISY RAG APPLE ROMEO
A December 1946 daughter of Glenafton Rag Apple Cavalier (son of Marksman), from a dam with 604 lbs. fat, 4.13%, at 2 yrs., 2X. She was bred Dec. 2 to Baker Challenger Plebe, son of Glenafton Challenger Pabst from a V.G. 651-lb. 2X 4% dam.

Females Not Pictured

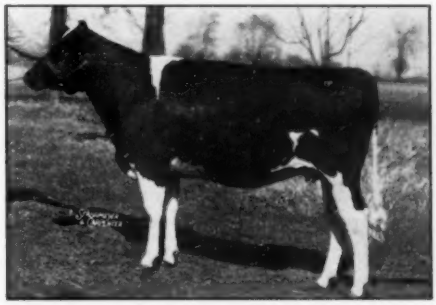
A Marksman granddaughter, bred to Marksman . . . an own daughter of Abegweit Milady, sired by Browns Master Darkey . . . daughters of Montvic Rag Apple Sovereign, Montvic Rag Apple Achilles, Montvic Emile Lochinvar, Abegweit Iron Duke, Emperor of Mount Victoria, Montvic Commander, Rag Apple Talisman, Montvic Monogram, Montvic Rag Apple Master, and many other leading sires of Canada.

Altogether there are five daughters and seven granddaughters of Sovereign and a good number are bred to Sovereign or sons of Sovereign.

Be sure to see the four daughters of Glenafton Challenger Pabst (two pictured here). They make an outstanding young female Get and two will show as a Produce.

BOND HAVEN SOVEREIGN NORA
A March 1948 daughter of Rowsdale Rag Apple Sovereign from a Marksman daughter with 13998 M. 3.96% 555 F. at 2 yrs., 3X.

SHORE ECHO CHALLENGER B. (Vaec.)
A February 1947 daughter of Glenafton Challenger Pabst, son of Marksman from a dam with 31791 M. 1167 F. Her dam has 18775 M. 4.15% 780 F., 4y. 3X. Bred Oct. 30 to Shore Rag Apple Count, a son of Montvic R. A. Cavalier from a *Excellent dam.



SHORE COLANTHA M. C.
One of two full sisters selling, daughters of Glenafton Challenger Pabst, from Shore Colantha Monogram, 1st prize jr. yearling at London Championship Show 1946. This one bred Nov. 8 to Rockwood Rag Apple Romulus.

Two Daughters of MASTER

To the Canadian National Sale

The Sire

MONTVIC R. A. MASTER

(XXX Sire)

His 19 daughters have 29 records in Canada averaging—
17360 M. 3.8% 660 F. — 3½ yrs.

His daughter, Corrine, in the U. S. is Minnesota State Champion and an Honor List Leader with 675.3 F. in 305 days at 2½ yrs., 3X. She has won the Best Uddered Cow award at both the Canadian Royal and at Waterloo Dairy Cattle Congress.

Our Master Get was first at Quebec 1948 and was nominated for All-Canadian Get of Sire.

Another daughter in the U. S. was All-American Senior Yearling 1948.

MASTER is our son of Raymondale Ideal Successor from Montvic Bonheur Hartog (VG), breed champion junior 4-year-old with 1153 F., 4.75%, the highest record daughter of Montvic Pathfinder.

1. BROWNS MISTRESS CLARA 558693 (GP)
Born March 7, 1943

2y 365d 3X — 16541 M. 3.98% 659 F.
3y 365d 3X — 16731 M. 4.29% 718 F.
5y 305d 3X — 16300 M. 4.40% 717 F.

Now on test again, her first six tests are 4.0, 4.6, 4.4, 4.6, 4.5, 4.5%.

A daughter of Master from a dam with three heifer-form records above 400 lbs. fat. Bred Sept. 21 to her own sire, Master.

2. BROWNS MISTRESS SUZANNE 785302
Born March 29, 1948

A junior yearling for 1949, sired by Master and from Browns Pabst Doris, who made 19,900 M., 3.56%, 708 F. at 2 yrs. (Honor List 1948) and has now just finished a larger record at 4 yrs., which will be announced at the sale.

SEE THESE TWO LOVELY MASTER DAUGHTERS
At Oakville, May 23

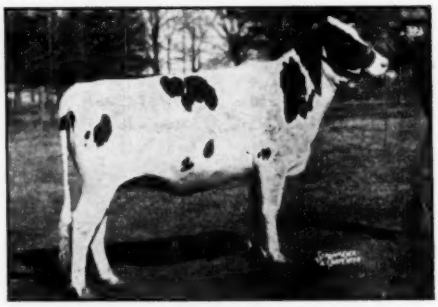
Brown Corporation

Latuque, Quebec

A Pair of Bred Heifers

(The Best We Can Spare)

TO THE CANADIAN NATIONAL SALE



THAMESVIEW PATHFINDER SEGIS
Born Jan. 28, 1947
Sire, Pathfinder Supreme, a grandson of Montvic Pathfinder and Montvic Bonheur Supreme.
Dam, THAMESVIEW SEGIS HARTOG (GP)
2½y 305d 3X 17019 M. 3.63% 617 F.
(First for milk, 35d for fat, Honor List)
2½y 365d 3X 19056 M. 3.65% 695 F.
Daughter of King Hartog Mercedes Echo (E)
Bred to Raymondale Rag Apple Finest, son of Sovereign Rag Apple Netherland from one of the greatest daughters of Ajax.

1. THAMESVIEW PATHFINDER SEGIS (Vaccinated)
(See Picture)

A daughter of Pathfinder Supreme from a 19,656-lb. dam, bred to Raymondale Rag Apple Finest.

2. HOUCKHOLME PIETJE DUCHESS (Vaccinated)
Born March 12, 1947

Daughter of Abegweit Iron Duke, famous son of Widow, and out of C. V. Betty Darkness, with over 18,000 lbs. milk in ROP.

Bred Sept. 10 to Elmcroft Monogram Monarch, who is a son of Montvic Monogram (XXX-Extra-Century Sire) from Elm Meg Dewdrop, with 700 lbs. fat, 20,218 lbs. milk, 3.46% at 6 yrs., 3X.

See the Pair at OAKVILLE, MAY 23

FREEL BROS.

Thamesford, Ont.

Glenafton to the National Sale

At Oakville Municipal Arena, May 23, 1949

A lovely granddaughter of Marksman who is in calf to Marksman and due at sale time

Her Grandsire and Service Sire

Montvic Rag Apple Marksman (XXX-Extra)

Six times All-Canadian, 5 times as an aged bull. His 56 tested daughters have 86 records made at an average age of 3 years, 35 days, that average:

16,864 lbs. milk — 3.90% — 659 lbs. fat.

This heifer is—MONTE BRAE RAG APPLE POLLY (GP)

Born January 27, 1945

She will be close to freshening and is carrying her second calf to the service of Marksman.

Her own record — At 2 years, 3X: 17,534 lbs. milk, 3.7%, 649 lbs. fat.

Her sire—**Glenafton Rag Apple Hercules (XX)**, a Marksman son who was Senior and Gr. Champion at Waterloo Black & White Day in both 1945 and 1946 and first prize aged bull at New York State Fair 1948. His full brother sold to Great Britain in 1946 for $5,000. His grandam, Grace P.M.P. Colantha (*Ex) was first prize 3-year-old and Reserve Grand Champion at 1940 C.N.E.

Her Dam—**Faforit Korndyke Polly** has two good records:

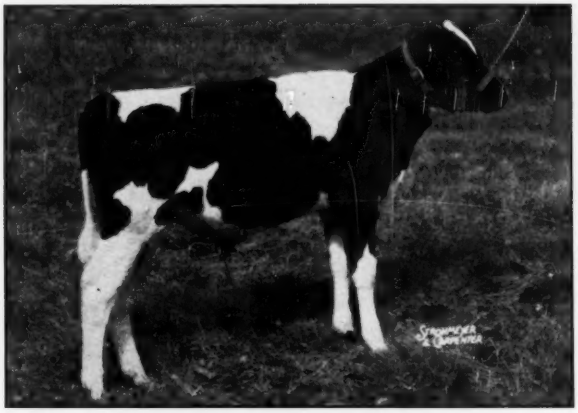
At 2 years, in 305 days, 2X ..... 13,115 lbs. milk, 3.65%, 479 lbs. fat
At 3 years, in 365 days, 2X ..... 18,138 lbs. milk, 3.73%, 676 lbs. fat

GLENAFTON FARM ALLISTON, ONT.

J. J. E. McCAGUE, Owner (Accredited and Vaccinated) **MORT BUTCHERS, Herd Supt.**

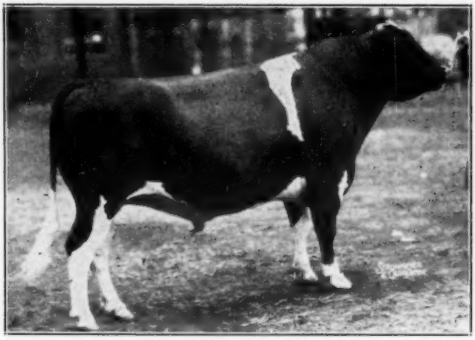
BOND HAVEN TO THE

This 1036-lb. Sovereign-Marksman Grandson



BOND HAVEN SOVEREIGN MAJESTY
Born January 12, 1949
A Son of Rowsdale Rag Apple Sovereign
From the Highest Record Daughter of Marksman

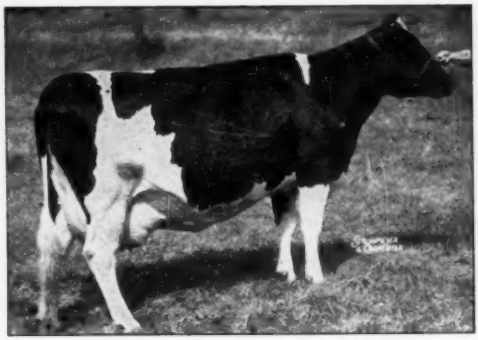
— HIS SIRE —



ROWSDALE RAG APPLE SOVEREIGN (XXX)
All-American Three-year-old 1947
Res. All-American Two-year-old 1946
All-Canadian 1945, 1946 and 1947

Son of Montvic Rag Apple Sovereign from a 118,191-lb. 4% 2X daughter of a 158,728-lb. 2X dam. His full sister is the highest record daughter of Sovereign to date with 894 lbs. fat, 4.67%, at 2 yrs., 3X, second highest 3X junior 2-yr.-old in Canada for fat.

— HIS DAM —



BELLE RAG APPLE HENGERVELD (V.G.)

5 y-365d-3X	24007 M.	4.29%	1036 F.
3½y-365d-3X	18862 M.	3.84%	725 F.
2½y-365d-3X	18314 M.	3.52%	644 F.

The highest record daughter of Montvic Rag Apple Marksman (XXX-Extra). She is from the same dam as Belle Dixie Mercedes (V.G.) with 26271 M. 4.25% 1117 F. on 3X, thus comes from one of our very greatest cow families at Bond Haven.

His full brother is owned by the Port Perry Bull Syndicate, where he is developing into a great sire. His full sister is in our herd, will be in milk before the sale — a big strong heifer with a lovely udder. We invite you to come to the farm and see this heifer and other close relatives of Majesty if you are interested in heading your herd with one of the foremost herd sire prospects of today.

A TRULY GREAT HERD SIRE PROSPECT

CANADIAN NATIONAL SALE

And this Sovereign-Marksman Granddaughter

BOND HAVEN SOVEREIGN NORA (Vaccinated)
Born March 22, 1948

A junior yearling daughter of Rowsdale Rag Apple Sovereign from Bond Haven Rag Apple Betty (GP with 1st calf), with 13,998 M. 3.86% 555 F. at 2 yrs. 3X. She is a daughter of Marksman from a 607-lb. 3.8% daughter of Soo Chief Superior.

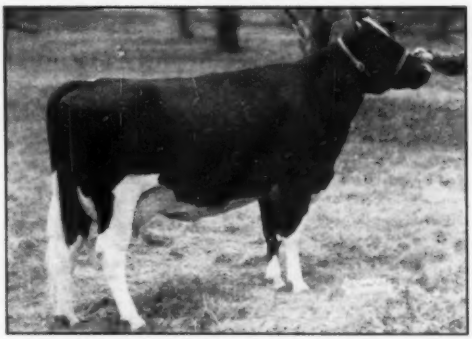
— GRANDSIRE OF MAJESTY AND NORA —

MONTVIC RAG APPLE MARKSMAN (XXX-Extra)

All-American Aged Bull 1947, Reserve All-American Aged Bull 1946 and 1948 and six times All-Canadian, starting as a 3-yr.-old in 1943.

The production and high test of his daughters is even more sensational than his own show ring winnings. His first two mature daughters both made over 1000 lbs. fat and the 75 records of his 51 daughters average 16885 M. 3.89% 657 F.

— A SISTER TO MAJESTY AND NORA —



BOND HAVEN SOVEREIGN QUEEN

Not selling but pictured here just to show you what the milking daughters of Rowsdale Rag Apple Sovereign look like. She has in 7¼ months over 10,000 lbs. milk and her tests so far are 4.3, 4.0, 4.2, 4.4, 4.7, 4.8 and 4.5%. She is out of a Marksman daughter. We now have 5 Rowsdale Sovereign daughters in milk, all with good udders and all doing fine.

ALSO CONSIGNING A GOOD COW SPRINGING BY MARKSMAN

She is Daisy Jane Rag Apple Abbekerk, with 15005 M. 4.07% 611 F. at 2 yrs., her twin sister making 17392 M. 4.48% 780 F. at 2 yrs. A daughter of Soo Chief Superior, she is due in early June by Marksman, some of whose best daughters are out of these Soo Chief Superiordams. Be sure to see her at the sale.

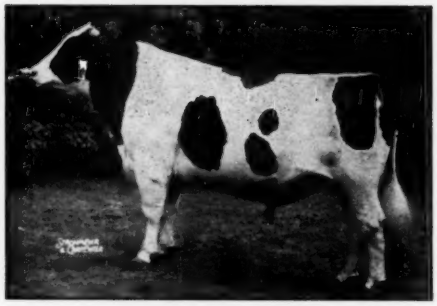
C. J. CERSWELL — Beeton, Ontario

Farm at Bond Head, Ont. — 40 Miles North of Toronto

"TRUE TYPE AND HIGH PRODUCTION AT REGASBORNE"

A Duke Granddaughter

To the Canadian National



MONTVIC RAG APPLE DUKE (XXX)
Reserve All-Canadian Three-year-old 1945. His 11 Tested Daughters Av. 15866 M. 604 F. 3.86%.

They include the new champion junior four-year-old milk producer for both 305 and 365 days. Remember, too, he is a son of Lochinvar from Emily.

We Consign—

REGASBORNE ROYAL DORA

Born Oct. 16, 1946 (Vaccinated)

One of the choicest heifers we could select to represent Regasborne at this great public sale event.

Dam: REGASBORNE DORA REWARD
Jr. 2y 3X 365d 16910 M. 3.64% 615 F.

A daughter of Duke from Regasborne Dora Dutchland, with 508 F. at 2½ yrs., 2X, a member of our grand old Queen, Gano Dutchland cow family.

Sire: ELMCROFT MONTVIC ROYAL MALE

Son of Montvic Monogram (XXX-Extra-Century Sire) from Montvic Empress Diana (558 F. 4.21% at 2y and 647 F. at 4½y), she by Emperor of Mount Victoria and from a 738-lb. junior 3-yr.-old daughter of "Old Abby", breed champion 3X producer.

Bred Dec. 22, 1948 to REGASBORNE R. A. ROYAL GOVERNOR

Son of Royal Male out of Regasborne Rag Apple Governess, new champion junior four-year-old milk producer for both 305 and 365 days with 25,795 M. 884 F. in 305 days and 28,486 M. 974 F. in 365 days, both 3X.

LOOK FOR HER AT OAKVILLE, MAY 23

Osborne Sager, St. George, Ont.

HERD VACCINATED — NEGATIVE — FULLY ACCREDITED

We Want You to Know

Our Entry at the "NATIONAL" is a Granddaughter of
MONTVIC COMMANDER (XX)
She is Bred to "SOVEREIGN" (XXX)
Her Dam is a 4% Cow
Her Sire's Dam is a 4% Cow with 1029 F. 2X
She Has Good Type
VACCINATED
And Can Go Anywhere

H. J. Fretz & Sons — Stevensville, Ont.

HERD ACCREDITED AND LISTED

Miller Acres Dispersal

(Continued from page 57)

Miller Acres Golden Louise (1-48) 500
W. H. O'Brien, Jr., Salisbury, Conn. (4)
North Star Trixy Victoria (3-45) 780
Callee Betty X Dunloggin (9-45) 610
North Star Victoria Kay (2-46) 590
Wimbledon Matchmaker Susie (12-43) 500
Hope Hill Farm, Annandale, N. J. (7)
Mildred Ormsby Bessie Piebe (5-44) 710
North Star Queen Victoria (7-46) 600
J. L. Inskeep & Son, Culpeper, Va. (4)
Miller Acres Mistress Triune (12-48) 685
Miller Acres Golden Trixie (1-48) 560
Miller Acres Mistress Bets (12-48) 530
J. Boyer & A. Wm. Vacsy, Canaan, Conn.
Essex Moole Sister Susie Design (6-42) 680
Callee Mistland X Dunloggin (10-45) 640
Leonard Kaplan, LaGrangeville, N. Y.
Miller Acres Golden Belle (12-47) 680
David Reed, Bristol, Pa.
Greenwood O Lassie Ovation (2-48) 650
LaMoie Breese, Elmira, N. Y.
Perstein Model Man-O-War (12-37) 630
Miller Acres Josie Omega (3-48) 500
Clifton Miller, Ancramdale, N. Y.
Miller Acres Josie Lee (7-48) 620
Edward Gass, Newton, N. J.
North Star Wayne Adeen (12-46) 620
Essex Markmaster D Susie (10-46) 600
Dr. H. C. Fischer, Danbury, Conn. (3)
Sevspri Mercena Pabst Posch (1-43) 610
Sevspri Mercedes Ormsby Hattie (10-42) 605
Clark Bowen, Wellsboro, Pa.
Sevspri Mercena Posch Pearl (10-46) 600
North Star Louise Victoria (6-45) 600
H. M. Kouri, Hopewell Jct., N. Y. (2)
Rolling Knoll Miss Moole Burke (1-44) 600
Fred Petersen, La Grangeville, N. Y. (5)
Duchess Miller Acres Connie May (4-47) 540
Harold H. Byam, Falls Village, Conn. (3)
North Star Constance Victoria (4-45) 520
Harold C. Miller, Ancramdale, N. Y. (2)
Miller Acres Josie Creamelle (4-48) 500
Alfred G. Bates, Sussex, N. J. (2)
Miller Acres Mistress Susie (11-48) 500
Stanley Pulver, Millerton, N. Y.
Cashman Farm Stylist (9-47) 500

Other buyers were: Frank H. Davenport, Unionville; Niver Homestead Farm, Ancramdale; John E. Thorn, Thompson Ridge; A. M. Friedman, Pine Plains; Maurice Frazee, So. Gilboa; L. W. Goodman, Manhasset; Allison Lee, Wappinger Falls; J. H. Ingham, Jr., Briarcliff Manor; Samuel T. Hall, Dover Plains; John S. Pulver, Millerton, N. Y.; Ivan C. Neal, Mansfield, Pa.; and Sewell P. Fox, Washington, N. J.

ARISTOCRAT SON TO R. I. INSTITUTIONAL FARMS

Dean Mason H. Campbell of Rhode Island State College informs us that the son of Newmont Aristocrat out of a Conqueror daughter reported as having been selected for the Rhode Island State College herd was in fact purchased for John Rego of Institutional Farms, Rhode Island.

WISCONSIN HIR NEWS

Leading a list of Badger state herds completing their HIR year is the 12 cow herd of Charles O'Harrow of Oshkosh that made 513 pounds of fat on 2X milking. William M. Curtis & Son, Mauston were next with 466 pounds for 16 cows, 2X. The Kyland herd of W. D. Kyle, Jr., Oconomowoc made an average of 464 pounds of fat on 2X and 3X with Clayton P. Garner of Chetek following with a 2X average of 454 pounds of fat on 14 cows. State president, Sam C. Stanchfield, Fond du Lac, had an average of 443 pounds of fat on 22 cows, 2X. Other 2X herds were Arthur H. Weiner, Columbus, 433 pounds on 15 cows and Martin Gunnulson, Cambridge, 423 pounds on 16 cows. Elmer Krull, Lake Mills made a 421 pound average on 19 cows, 2X and 3X while Herbert Lepein, Hartford, had a 2X average of 418 pounds on 23 cows.

The other 2X herds over 400 of fat were Bernard Conlin, Columbus and Harry Schell, Hilbert.

Official announcement has been made of the third Progressive Breeder award to William M. Curtis & Son, Mauston and the second award to the following: Frank E. Cairns, Mazomanie; Sam C. Stanchfield; Martin Gunnulson; Henry Richter, Union Grove; Arthur B. Hanson, Baldwin.

A list of individual HIR records just released for Wisconsin is headed by Joseph A. Hanson's cow at Chetek—Mayjo Montvic Ormsby Colantha, 816 pounds of fat in 352 days, 2X. Nowisco Fobes Trivina Nancy of W. W. Evans, Fall River, is next with a senior four year old record of 777 pounds of fat, 2X. On 3X, the Walworth County Asylum cow, Wal-Co-Farm Inka Rue Walker, has made a senior four year old record of 684 of fat and Lucy Pontiac Burke Ormsby, owned by George T. Miller, Antigo, has made 660 pounds of fat.

Other 2X records are: Echo Valley Admiral Sadie, 659 of fat for Albert Immel, Fond du Lac; Cornflower Mooie, 648 of fat for A. J. Cull, Pewaukee; DeKol Tuebie Belle, 630 of fat for John W. Rufi, Monroe; Ventnor Butter Lass Fobes Ormsby, 630 pounds of fat, purchased by Joseph Pape, Chicago, in the Ventnor Dispersal; Ormsby Mooie Fayne Lass, 620 pounds, 4 years, 9 months, for Frank Romey, Whitewater; Molly Ann Segis, 606 of fat for Edward Brewin, Jefferson; Dunn County Pride Segis—603 of fat for Dunn County Asylum and Piebe De Kol Rag Apple Aaggie, the same amount for Albert Grover, Galesville; and Hinzeville Dellis Colantha, 600 of fat for Joseph Keuler, Jr., of Kiel.

COLORADO MAKES SEED-STOCK AVAILABLE

The nineteenth annual Junior Consignment Sale of registered Holstein-Friesian calves has been arranged by the Colorado Holstein-Friesian Breeders' Association to take place at Brighton, Colorado (Adams County Fair Grounds) on Saturday, May 21, 1949.

This famous seed-dissemination event has been known locally in the intermountain country for many years as "The Brighton Calf Sale." However, under the chairmanship of Harold R. (Duke) Lascelles, the scope and quality of the sale has stepped up to a point where new breeders from the entire Rocky Mountain area look forward annually to the selection of foundation animals at this junior sale.

Prospective and new breeders will not only be able to buy par-exceilent young breeding animals at Brighton on May 21, but they will witness the Tri-County Black and White Show to be held on Friday, May 20 at the sales site.

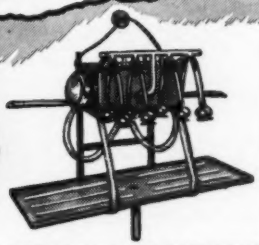
The tri-County Black and White Show has become second only to Colorado State Fair as a Holstein type parade.

MANKATO HOLSTEIN SALE OCTOBER 8th

The fourth annual South Central Minnesota Holstein Breeders Association Sale will be held in the Mankato Arena at Mankato, Minnesota on October 8th. Selections are already under way with some very outstanding headliners already listed. Last year's sale attracted buyers from six states, with about thirty head going out of state. Plans are to make this the top Holstein sale of the state for the year.

NOW YOU CAN ENJOY AUTOMATIC DISHWASHER CONVENIENCE in milking machine cleansing!

with the revolutionary new Condé milker WASHER



Nothing like it previously available! Works on an entirely new principle—has been thoroughly tested and proven on hundreds of dairy farms.
This new Conde' Milker Washer fills the long-felt need for a quick, easy, yet effective way to clean milking machines. It will more than pay for itself the first year in time saved alone, but more important, it prevents costly milkstone, reduces bacteria count, and thus avoids inspection troubles and reduced milk checks. This Conde' Milker Washer cleans any make of milker in less than half the usual time. Cool or warm water and bactericidal detergent under forced circulation reach every part of the milker touched by milk, also clean the stanchion air hose — quickly, automatically. Simply attach milkers (1 or 2 units at once), plug in, and go about other chores. In 5 to 10 minutes the washing is completed, milkers are cleaner, completely sanitary. There's no taking apart, scrubbing, or reassembling. It's as easy as that!
Don't wait any longer to learn what this washer can do for you—see your Conde' dealer today or write us for folder—"How to Save $365 a Year."

WHAT IT WILL DO FOR YOU:

1. SAVE TIME AND WORK
2. CLEAN ANY MILKER BETTER, WITH COOL OR WARM WATER
3. INCREASE LIFE OF RUBBER PARTS
4. PREVENT COSTLY MILKSTONE
5. LOWER BACTERIA COUNT
6. HELP AVOID INSPECTION TROUBLES—INCREASE MILK CHECKS

EXTRA VALUE Condé MILKER

The Milker that is easy on your valuable cows — keeps them comfortable, contented—doesn't provoke mastitis! Always dependable, famous for dry pipe lines—above all, famous FOR COW COMFORT.
See your Conde' dealer, or write us for folder "The Conde' Milker".

Conde' Vacuum Supplier

Can be used with any make milker. It is a unit of the "World's Finest Milking Equipment" and so guaranteed.

THE WORLD'S FINEST MILKING EQUIPMENT

Condé MILKING MACHINE CO., INC. Sherrill, New York

A Sovereign Daughter to the Canadian National

MONTVIC RAG APPLE SOVEREIGN
(XXX Sire)

Now proving himself one of the breed's foremost sires of production and high test as well as show type.

— — — — —

His daughter was bred Dec. 29 to ELMCROFT SYLV-O-GRAM, (XXX) All-Canadian son of Montvic Monogram from a 165,000-lb. dam.

SPRINGBANK SOVEREIGN BARBARA
First Prize Junior Yearling London 1948, in a Class of 30 Heifers.

Sire,—
MONTVIC RAG APPLE SOVEREIGN (XXX)
(Need we say more?)

Dam,—
SPRINGBANK COUNTESS PATSY
2y 365d 3X 14600 M. 3.68% 537 F.

2nd Dam,—
SPRINGBANK COUNTESS PAULINE (VG)
4y 305d 3X 19265 M. 4.29% 826 F.

3rd Dam,—
SPRINGBANK COUNTESS PIETJE
9y 365d 3X 21353 M. 3.90% 832 F.

4th Dam,—
SPRINGBANK RE-ECHO COUNTESS (GM)
9y 365d 3X 17555 M. 3.60% 632 F.

5th Dam,—
SPRINGBANK SNOW COUNTESS (Excellent)
10 lact. 204050 M. 4.3% 9062 F.

SPRINGBANK FARM

— T. R. DENT, Woodstock, Ont.

To the CANADIAN NATIONAL SALE

A Daughter of a 113,000-lb. 2X Cow

SIRED BY EMPEROR

We Consign A Show Calf
HAWKHERST EMPRESS GERALDINE
Born July 27, 1948
(Just Right for the Shows)
Sired by
EMPEROR OF MOUNT VICTORIA
and from
WOODRUFF ABEGWEIT CHAMPION
Life Total - 7 lact. - all 2X Milking
113,859 M. 3.45% 3925 F.

Her seven records include one of 685 lbs. fat from 18,704 lbs. milk, as a 3-yr.-old on 2X, an Honor List Record in 1942.

Here is one of the richest bred daughters of Emperor that can be bought today—and she will show as a senior calf this fall.

EMPEROR OF MOUNT VICTORIA
Sire of two 1000-lb. daughters, sire of Sovereign and other famous sons, Emperor is recognized as one of the greatest outcross bulls ever used on the Rag Apples and one of the great high test sires of today.

SEE HER AT OAKVILLE, MAY 23, at the CANADIAN NATIONAL SALE

Hawkherst Farm — Agincourt, Ontario

Sylv-O-Gram's Brother

National CANADA Holstein Sale

Consigned to the National

ELMCROFT BENEVOLENCE,

Born Aug. 9, 1948

Aladdin's Son from the Dam of Sylv-O-Gram (xxx)

GLENAFTON R. A. ALADDIN (XX)
Sold $14,000, 1946 National Sale.
Sire of:
Elmcroft Tradition
Sold $3,500 1948 National Sale.
Full brother of:
Glenafton Laurel Brownie (VG)
Topped '45 All-Can. Sale, $17,600.
3y 365 3X 17350 4.50% 773
2y 365 3X 14850 4.32% 641
Glenafton Laurel Brownie B.
2y 365 3X 14370 4.27% 614
Brother of:
Glenafton Killarney
Topped '46 All-Can. Sale, $40,000.

ELM SYLVIA COLANTHA (GM)
3y 365 4X 28205 3.68% 1038
(2nd for milk, 4th for fat)
9y 365 3X 24558 3.91% 959
8y 365 3X 23631 3.94% 932
8 lacts: 165712 3.79% 6282
(A Silver Seal Producer)
On test again in her 9th lactation and has boosted her total to well over 170,000 lbs. milk.
Dam of:
Elmcroft Sylv-O-Gram (XXX)
All-Canadian Sr. Yr. Bull, 1945.
Elmcroft Sylvia Triune (GP)
3y 365 3X 18104 3.71% 671
Elmcroft Monogram Sylvia (GP)
2y 365 3X 15210 3.73% 567

MONTVIC RAG APPLE MARKSMAN (XXX-Extra)
Only 6-times All-Can. '43-4-5-6-7-8.
All-American aged bull, 1947. Mem. All-Can. Prod., '44-5-6-7. Sire of All-Can. Get, 1946-47.
86 records by 56 daughters
Average: 16864 3.90% 659
2 over 1000 lbs. fat

GLENAFTON BROWNIE P.M.P. ACME (*Excellent)
All-Canadian 1934-44.
6y 365 3X 20435 4.12% 842
5y 365 3X 18399 3.97% 731
3y 365d 3X 17436 4.04% 705

MONTVIC COLANTHUS ABBEKERK (XX)
135 records by 53 daughters
Average: 15028 3.71% 557
Sire of:
Elm Belle Model Colantha (GM)
10 lacts: 177959 3.79% 6737
Elm Lass Colantha (Ex)
5y 365 4X 27596 3.84% 1061
2 others over 1000 lbs.

LADY SYLVIA NEWTON
6y 365 2X 16788 4.09% 687
4y 365 2X 14735 3.67% 541
3y 365 2X 14137 3.70% 523

RAYMONDALE IDEAL SUCCESSOR (XX — VG)
33 tested daughters
3 with 1008, 1019 and 1163 lbs.

MONTVIC RAG APPLE COLANTHA ABBEKERK (*Ex)
9y 365 3X 29208 4.32% 1263
(World record)

SPRING FARM T. ACME (XX)
40 records by 25 daughters
Average: 12360 3.87% 478

BROWNIE PABST MEG POSCH
4y 365 3X 23070 3.72% 858

JOHANNA RAG APPLE PABST (Extra)
4 times All-American, twice Res.
100 records by 51 daughters
Average: 15743 4.00% 626

MONTVIC COLANTHA ABBEKERK
2y 365 3X 17091 3.91% 669
One 1263-lb. 3X daughter.

SIR ALCARTRA NEWTON
2 tested daughters:
Jane Spofford 2nd
2y 365 2X 11069 3.65% 404

LADY RE-ECHO SYLVIA
2y 365 3X 14856 3.51% 522

To appreciate this young bull, a pedigree study is not enough. We invite you to see his dam, who now has over 170,000 lbs. of milk in her 13th year, his maternal and paternal sisters, and the daughters of his maternal brother — all at Elmcroft. We know you will be welcome at the Woodstock Unit where Sylv-O-Gram himself is in service for another year.

Fully Accredited

ELMCROFT FARMS

Federally Listed

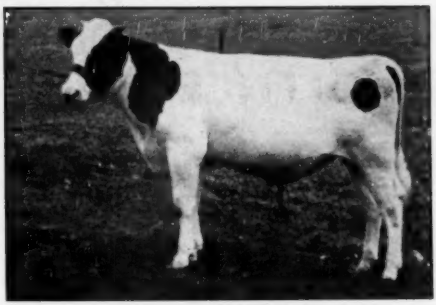
Oshawa

G. R. McLAUGHLIN, Owner-Mgr.
HAROLD JEBSON, Herdsman

Ontario

This Emperor Ajax Son

To the Canadian National



EGLANTIERS EMPEROR ROYAL
Born Sept. 2, 1948
A show bull, just the right age for the senior calf class this fall and one that might be hard to beat.

Sire: MONTVIC EMPEROR AJAX (XXX)
Many times grand champion, he had Honorable Mention for All-Canadian Aged Bull 1948 and showed with his full brother for Reserve All-Canadian Produce.

He is a son of Montvic Rag Apple Ajax (XXX) from the *Excellent twice 1000-lb. daughter of Emperor of Mount Victoria and Montvic Rag Apple Meg, V.G. 921-lb. daughter of Johanna Rag Apple Pabst.

Dam: EGLANTIERS RAG APPLE BEAUTY
(V.G. in 2nd Lactation)
2y 365d 3X 16359 M. 3.88% 635 F.
2y 305d 3X 14655 M. 3.87% 567 F.

Now on test as a 3-yr.-old and credited with 14,067 lbs. milk in first 7 months.

She was reserve junior champion female at Quebec 1947, and nominated for All-Canadian senior yearling. Also first 2-yr.-old in milk at Quebec 1947, and first 3-yr.-old in milk at Lachute, 1948.

She is one of the greatest daughters of Montvic Rag Apple Ajax (XXX), whose 20 daughters have 23 records averaging 15121 M., 578 F., 3.82%, average age 2y, 228d.

2nd Dam: MASTIO BETTY N. RAG APPLE (V.G.)
First dry 4-yr.-old at Ormstown 1947
3y 365d 3X 20440 M. 3.59% 733 F.
2y 365d 3X 19259 M. 3.67% 706 F.

A daughter of Montvic Rag Apple Nobleman, she is a full sister to Mastio N. Rag Apple Betty, 4y 159d, 365d 3X, 22757 M., 4.09%, 931 F.

HIS 7 NEAREST DAMS AVERAGE
21282 M. 4.24% 903 F.
And all Seven Graded V.G. or Excellent

EGLANTIERS FARM

H. L. GUILBERT **Vercheres, Quebec**

MINNESOTA MEMORANDA

The announcement of the new HIR average of 587 pounds of fat for the 20 cow herd of A. H. Jergens, Biscay, Minnesota gives this herd third place for the period ending September 30, 1948, that is, for 3X-2X milking in the group of 16-30 cows. The Jergens 1947 average of 600.5 pounds will now rank fourth high for all time while the past year's average will rank fifth.

Two other recent herd averages in Minnesota are the University of Minnesota at Morris with 435 pounds of fat for 18 cows and Edward Heuer & Sons, Norwood, with a 407 pounds average for 22 cows.

Oscar M. Sletta, Madelia, has been awarded his second Progressive Breeder Plaque, his 14 cow herd averaging 415 pounds of fat and his classification score 83.3 points. Oscar A. Swenson, Nicollet, has been awarded his first Progressive Breeder certificate, the last herd average, 447 pounds of fat, 2X, on 14 cows with a classification of 83.4.

Individual HIR records announced include the Gilkey Farms cow of Leonard Gabbert, Owatonna, Mertwis Ollie Segis 2d with a new 2X state record of 771 pounds of fat; and Ben J. Huseby's Kappijne Femco Inka with a 365 day record of 607 pounds of fat on 2X.

RINKE WINS SECOND P.B.R.

We learn from the Holstein-Friesian Association of America that John A. Rinke and Sons, Warren, Michigan, have recently secured for the second year the Progressive Breeders' Certificate. The Rinke herd has been tested for production in HIR for ten consecutive years. The last test, completed December 31, 1948, shows an average for this seventeen-cow herd of 431.9 lbs. fat, 12086 lbs. milk in 303 days, 2X. The type classification showed a score of 82.5.

The current award is based on a herd of forty-four animals, of which twenty have freshened; all of them home bred. Through the years the Rinke herd has made quite a contribution to Michigan Holstein progress.

BUFORD BROS. TO NORTHERN ILLINOIS COOP.

Sam and John Buford, Stockton, Ill. report the recent sale of their home bred and proved herd sire, Prilly Sensation Pride 852063, to the Northern Illinois Breeding Co-op. This bull, himself classified "Excellent," has eight daughters classified with an average of 85.0. They are producing well. While we do not have the complete figures of his proof, we learn they have made up to over 600 pounds on 2X. His first calf daughters in volume 4 of the Green Book average 400 lbs. His sire Prilly Sensation is a son of Carnation Sensation, and has a fine proving in the Buford herd, as well as Michigan State College, where he was also used. Buford Bros. are retaining two sons of Prilly Sensation Pride for continued use in their herd.

Some Extra Choice Bulls Now Available

"Grand Monarch's" Dam—
HELENE AAGGIE (Excellent), bred by A. H. Jergens, Biscay, Minn. Two 305-day 3X records of 715 and 770 lbs. fat, **3.5 and 3.6% test. Daughter of Femco Prince Aaggie, whose** 10 classified daughters average 84.5 points. **Her dam was** by a son of Pride of Sir Piets.

By Our Twice All-American Sire

Franlo Chip Grand Monarch

"Grand Monarch" has dropped us six splendid type bull calves, all out of good record dams. All born from September to December 21st. We need room in our calf barn and will sell these bulls at bargain prices. Full details on request.

Among top cows due to freshen soon to "Grand Monarch" is Zeldenrust KBKO Jeanette 2nd with 951 lbs. fat in 315d. Here will be a sensational herd sire prospect if she drops a bull calf.

Come and see us. 45 years of breeding, testing and showing Holsteins. We'd like to show you what we **have.**

ZELDENRUST FARM

C. M. BOTTEMA & SON **4411 E. Minnesota St.** **Indianapolis, Indiana**

Milady's Daughter to the Canadian National

ABEGWEIT MILADY (*Excellent)
4y-305d-3X 24945 4.35 1085
(World's Record)

ABEGWEIT MILDAY CORRINE — Born Jan. 2, 1948
First Prize Junior Heifer Calf, Charlottetown 1948
This heifer is something really "hot", out of that wonderful "Milady" and sired by Browns Master Darkey, our son of Montvic Rag Apple Master (XXX) from a dam with 132,985 lbs. of 3.7% milk in 8 lactations. Darkey is full brother to Browns Mistress Corrine, pictured below.

Also Consigning a Bull
ABEGWEIT DUNSTAN — Born June 17, 1948
A son of Browns Master Darkey from Abegweit Boniface, who promises about 13,900 lbs. milk as a 2-yr.-old with tests to date of 4.7, 4.6, 5.1, 5.0, 5.1, 5.1, 5.1, and 5.3%. Second dam, Abegweit Stardust, with 694 F. 4.36% at 2 yrs., and 715 F. 4.37% at 3 yrs.

BROWNS MASTER DARKEY, sire of both these offsprings, is getting us a fine lot of daughters. The first to calve has a beautiful udder and we expect great things from all of them.

His full sister, Browns Mistress Corrine, famed Franlo show cow and Minnesota State Champion producer, has won the "Best Uddered Cow" award at both the Royal Winter Fair and Waterloo Dairy Cattle Congress.

SEE THE PAIR AT OAKVILLE, MAY 23.

FULL SISTER TO DARKEY

BROWNS MISTRESS CORRINE

J. Walter Jones — Charlottetown, P. E. I.

SKOKIE PRINCE

is our son of Dunloggin Mistress LaPrincess

the Excellent Woodmaster daughter, Reserve All-American aged cow, 1946, and Illinois 3X champion with 1047 pounds of fat. Skokie Prince is by **King Bessie Supreme Again,** son of the 927-lb. **Bessie Ormsby Milford.**

Our other sire is **Jenniton Ormsby Prilly Wayne,** son of **Pabst Roamer** from our **Jenniton Echo Ormsby** with 672 pounds fat, 3X, 3.7%, 6y and 515 pounds fat, 2X, at 8 yrs.

Our herd average, HIR, 436F on 26 cows.

ARTIFICIAL SERVICE AVAILABLE TO EITHER SKOKIE PRINCE OR TO JENNITON ORMSBY PRILLY WAYNE.

JENNITON DAIRY FARM

THEO. N. THOMPSON **BARNEVELD, WISC.**

Come to—

Anderson's Valley View Dispersal

RICHLAND CENTER, WIS. — TUESDAY — MAY 10

HIS SON SELLING

SIR PANSY BEETS ORMSBY BURKE
Noted proven sire, son and several granddaughters selling.

THE HERD IS FREE FROM BANG'S AND T.B.
YOU CANNOT AFFORD TO MISS THIS DISPERSAL—SEE THE RESULTS OF OUR MANY YEARS OF BREEDING GOOD HOLSTEINS.

45 Registered Holsteins

at the farm, 6 miles off U. S. Highway, 14 on County Trunk "N"—northwest of Richland Center.

DAUGHTERS OF—
PABST BURKE CORNFLOWER, PABST BARTA PAUL WAYNE, SPRING BANK RAG APPLE SOVEREIGN, GRAY VIEW PANSY ARIUS.

TYPE — PRODUCTION

Production records—cows milking 67 to 75 lbs. a day on 2X, testing up to 4.5%, dam's records up to 544 F, on 2X.

- - - - - - - - - - -

Gray View Pansy Arius, 4 yrs. old, quiet and easy to handle, sells with several of his young daughters. He is a son of the great proven sire, **Sir Pansy Beets Ormsby Burke** from a 446-lb. 2-yr.-old 2X.

Among the cows—**Andersons Valley View Daisy**—70 lbs. a day, 4.5%, winner of 16 blue ribbons, 8 grand championships, with 3 of her daughters and a son. Several other great show prospects that have been prize winners at Wisconsin State Fair, Richland County, Ithaca, Viola and other fairs.

FRED C. ANDERSON & SON — Rt. 3

Box 254 — Richland Center, Wis.

KNOWLMERE SKYLARK BLACK BEAUTY
A 4-year-old that made 415 fat as a 3-year-old in HIR. By a son of Sunbeam Pride Transmitter and from a cow with 6 consecutive records from 402 to 545 lbs.

KNOWLMERE STAR OLLIE JUNE
Good Plus. Made 441 fat as 2-year-old in HIR and has averaged over 2 lbs. fat first 6 months as 3-year-old. One of the 11 daughters of Iowana Ollie Beauty Burke. Bred to Pabst Burke Banner.

KNOWLMERE OLLIE BEAUTY
On HIR test as a 2-year-old and making good record. **From a 640-lb. HIR** dam with lifetime record of 5125 fat. Another daughter of the Iowana bull. Bred to Pabst Burke Banner, 800-lb. son of Burke.

The Victor Calverley

DISPERSAL

ONE OF MINNESOTA'S FINEST FARMER-BREEDER HERDS

35 HEAD

- 13 Milking Age Females
- 5 Bred Heifers
- 1 Open Yearling
- 8 Heifer Calves
- 3 Serviceable Bulls
- 5 Bull Calves

423-LB. HERD AVERAGE

IN 7 YEARS OF H.I.R. TESTING

Single year average up to 553 pounds. Individual records up to 640 lbs. fat.

SPLENDID TYPE AND BREEDING

Straight tops, good udders and quality. Herd classified with score of 82.5. Ten 2- and 3-year-olds are sired by IOWANA OLLIE BEAUTY BURKE, whose 14 nearest tested dams average 750 lbs. fat. 11 heifers and 5 bull calves are sired by WEBER GINGER LEADER KING, a grandson of the famous Gold Medal sire, Wisconsin Admiral Burke Lad. The older cows are of Man-O-War, Pride of Sir Piets and Transmitter breeding. 13 of the animals in the herd are descendants of ABBEKERK JEWEL AAGGIE, one of the foundation cows that has a lifetime production of 5125 lbs. fat. Cows bred to high record breeding association sires.

YOUNGER ANIMALS CALFHOOD VACCINATED

THURS., MAY 26

1 P. M. at Steele Co. Fair Grounds

Owatonna, Minn.

For Catalog, Write—

G. R. MELIN

4529 Bryant Ave., South, Minneapolis, Minn.

KNOWLMERE OLLIE ANN
A springing 2-year-old by the Iowana bull and from a 460-lb. granddaughter of Man-O-War 67th. Due to calve by sale time to Weber Ginger Leader King, a grandson of Burke.

GLORIA COLANTHA AAGGIE
Two HIR records of 428 and 460 lbs. fat and has made 2 lbs. fat per day for the first 104 days this lactation. By a 640-lb. son of Man-O-War 67th. Bred to Pabst Burke Banner.

KNOWLMERE TIDY DELAPHENE
425 lbs. as a 2-year-old (2X) and making about 2 lbs. fat now as a 3-year-old. By the Iowana bull and from a cow with 6 records from 402 to 545 lbs. Bred to a son of Burke.

The Seventh Annual

All-Eastern Ontario

HOLSTEIN SALE

In the Coliseum at the Exhibition Grounds

Ottawa, Ontario

Wednesday — May 25

Two Days After the Canadian National

Visitors from the States who are in Canada for the National are invited to stay over, take a leisurely drive to Ottawa on Tuesday and be at the All-Eastern Ontario Sale on Wednesday. Those who have done this in the past will tell you this is a program very much worth while.

70 REGISTERED HOLSTEINS

Nearly all T.B. Accredited and Bang's Free Listed

Nearly All Calfhood Vaccinated

PRACTICALLY ALL OF THEM CAN MOVE FREELY TO THE U. S.

Among the Early Consignors:

George McCullough
Hopkins Bros.
George Smith
Clarke Rathwell
S. W. Rathwell
M. L. Johnston
Ronald Carkner
W. R. McMenomy & Son
W. M. McVey
Albert Smith
Central Exp. Farm
Ind. Coal & Lumber Co
F. H. Caldwell
Stewart Fisher
Campbell Bros.
Edgar Craig
J. B. McVey
W. Ray Wilson
Earl Quinn
F. C. Eligh
J. D. Shaver
J. B. Briscoe
E. Francis & Son
Keith Bulmer
Moody Plaunt
W. M. James
Reginald Warren
Peter Munroe & Sons
Leslie Nixon
Murdoch Arkinstall
Curtis St. John
L. B. Murray
Howard Morrow
Allan Stewart
Kenneth Connell
Stanley McKay

Some Entries Are Sired by:

Glenafton Rag Apple Craftsman (XXX)
Montvic Abbekerk Posch Pabst (Extra)
Montview Rag Apple Ajax
Glenafton Rag Apple Alert (XXX)
Bond Haven Rag Apple Victor B
Elmcroft Triune Segis
Montvic Bonheur Emperor
Raymondale Mono

Some Entries Are Bred to:

Glenafton Consort
Smith Haven Rag Apple Voyageur
Strathaven Rag Apple Standard
Elmcroft Snow Flake Triune
Elmcroft Triune Segis
Montview Rag Apple Ajax
Bond Haven Rag Apple Victor B

SALE COMMITTEE—Jas. R. Henderson, Portsmouth (Chairman); F. C. Eligh, Finch; W. J. Fawcett, Winchester; W. Ray Wilson, Kenmore; and George W. Muir, Ottawa.

Write for Information to

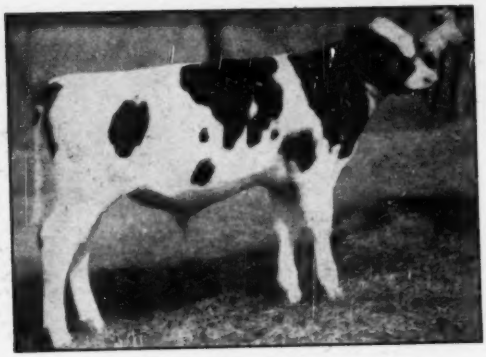
R. Grant Smith, Secretary

59 Pearl St., Brockville, Ont.

Watch For Him!! ★

He's Coming East!!

This is the only time in recent history the long time (more than 40 years) and famous breeding institution PABST FARMS has directly consigned one of their famous calves. We are proud to have gained this honor for the SUPER-DUPER SALE.



PABST ROBURKE JEWEL
A marvelous individual—Pabst bred for generations, and an average of 710 lbs. fat for his seven nearest dams.
THE GATE IS OPEN TO A GREAT OPPORTUNITY FOR ALL OF YOU.

Pabst Roburke Jewel

12-3-'48

Selected by Pabst Farms to represent in the highest degree the wonders they are achieving in their breeding program.

An OWN SON OF PABST ROAMER (and everyone knows what he is doing). First 26 2-yr.-old daughters average 663 lbs. fat.

An OWN DAUGHTER OF "BURKE" FOR THE DAM. She is Pabst Burke Jewel—as a senior 3-yr.-old made 753 lbs. fat with an average test of 4.1% and classified "Very Good". She by Wisconsin Admiral Burke Lad (38 progeny now "Excellent"). Her dam, Pabst Skylark Jewel with 546 lbs. at 2 yrs., her dam with 694 lbs. as a senior 2-yr.-old.

—and This Star of the East ★ ★

BRED TO SIR BESS ORMSBY BURKE FOBES

(The famous new sire at Osborndale Farms)

Purely in a spirit of co-operation Mrs. Kellogg and Mr. Nichols have entered this high-record cow.

Quality Fobes Abbekerk Gay

Classified "Very Good"—her approximate figures (3X) will be 925 lbs. fat with a 3.8% test and 24,000-lb. milk as a FOUR-YEAR-OLD. Previously at 2 years she made 731 lbs. fat from 18679 lbs. milk averaging 3.9%. She is a daughter of Winterthur Fobes Great Viscount—he a full brother to "Taurus" with a 49-lb. increase on 10 pairs.

SIR BESS ORMSBY FOBES BURKE, the great young sire to which she was bred (November 10, 1948) is an "Excellent" son of the "Ex" All-American 1064-lb. 4.4% 4-yr.-old at Walters & Son.

QUALITY FOBES ABBEKERK GAY
She is one of the very HIGHEST RECORD COWS EVER SOLD IN THE EAST and the calf she will soon deliver to her new owner will rank among the very highest in the breed.

We are likewise proud of the honor also — this great offering brings to this sale.

IF YOU COME TO THE SUPER-DUPER SALE IN JUNE YOU CAN BE SURE ALL YOUR FRIENDS WILL BE THERE TOO.

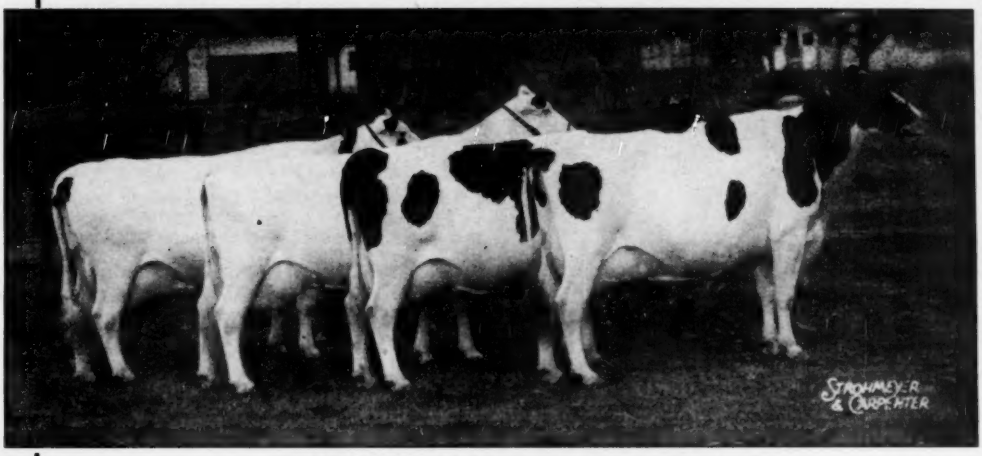
It Looks Like a Great Event.

The Super-Duper Sale — June 15-16, 1949 — Earlville, N. Y.

R. AUSTIN BACKUS — Sale Manager — Mexico, N. Y.

SUPER-DUPER SALE – JUNE 15-16

THIS FAMOUS "GET" & PRODUCE ALL CONSIGNED TO THE SUPER-DUPER!



All have been classified "Very Good" or "Excellent"

Consigned by Grant Langdon, Copake, N. Y.

A "Get"—A "Produce"—A Dairy Herd—Four Great Aged Cows

They are all safely in calf, due in October and are bred to the great "Excellent" Weber Burke Clover Lad — son of "Burke."

We Hope You Will Join This Growing List of Splendid Consignors—

JOHN A. BELL, JR.
PERCY BAIRD & SONS
HENRY BEACOM & SONS
WALTER BURTIS
BUTTERFLY FARMS
CASHMAN FARMS
CHERRY HILL FARM
CURTISS CANDY CO.
CAROLDALE FARM
WALTER B. DUNHAM
ELMWOOD FARMS
R. P. ERNENWEIN
FRANK FERNSLER
ROBERT FLANDERS
EARL GROFF
GLENODEN FARMS
HARDEN FARMS
CHARLES J. HOWE
LEONARD KAPLAN
KINGDOM FARMS
LANGDONHURST FARMS
WARD LOOMIS
MEADOW SPRINGS FARM
PETER MARTENS
SHARON MAUHS
HUBERT MILLER
THOMAS NAGEL
OSBORNDALE
OTCO FARMS
PABST FARMS, INC.
HENRY RATHBUN
FRANCIS RYAN
HENRY SAMSON & SON
SIDNEY SMITH
J. H. STONE
THE HEDGE
TRUNLAN FARM
VANHORNE FARMS
WEAVERDALE FARMS
HUNTTING WINANS

Please call or write my office at once if you wish to consign—

R. AUSTIN BACKUS – Sale Manager – Mexico, N. Y.

EARLVILLE, N. Y. – JUNE 15-16

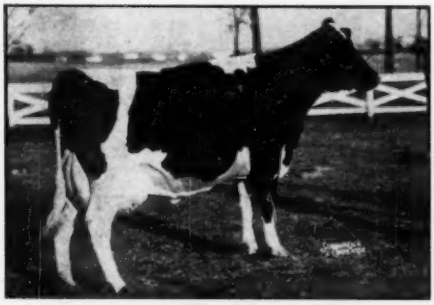
SUPER-DUPER SALE – JUNE 15-16

A Sovereign-Marksman Granddaughter

At CASHMAN FARMS—A senior yearling heifer someone will surely like. She is a real "knockout"—an own daughter of the well-known Rowsdale Rag Apple Sovereign, from an own daughter of Montvic Rag Apple Marksman, and she is well along in calf to the son of Dunloggin Mistress Gracious ($10,000—with 897 lbs. fat, 4.3% at 5½ years). Be sure you see this heifer.

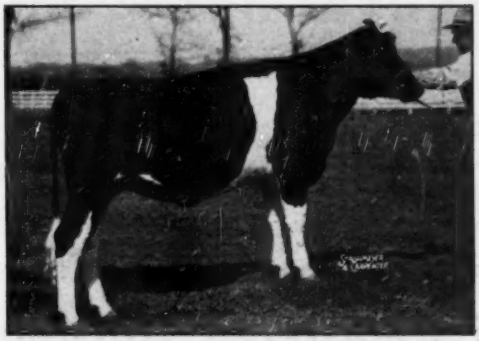
SOME MORE FOR YOU TO THINK ABOUT!!

At OSBORNDALE we found a wonderful youngster, a show calf, ten months old at sale time. He is a son of Osborndale Sir Oliver King Ormsby (famed proven sire recently brought back to Osborndale). His dam with almost 700 lbs., 3.9% at 2½ years, by Sir Bess 2d; next dam with 825 lbs., 4.2%; next dam, 792 lbs., 3.9%; next dam, 831 lbs.; next dam with 850 lbs., the famous Tillamook Daisy cow at Carnation. Thirteen nearest dams average 894 lbs., and his six direct dams average 833 lbs. At THE HEDGE—"believe it or not" we were able to pry loose an own daughter of the great Dean Rag Apple Ormsby from a dam with better than 650 lbs. fat—a top heifer and due soon after the sale by Creston Rag Apple King ($7,500) son of Dunloggin Mistress Queen. This kind come hard.



SPIES LADY ORMSBY DE KOL 5th
Has at 2 yrs. of age, 619 lbs. fat from 16,491 lbs. milk. Her son, CURTISS CANDY DEEN HARRY, born Dec. 18, 1949, and sired by Curtiss Candy D A Renown, son of Montvic Renown and Dunloggin Adeen, is consigned by Curtiss Candy Co., Cary, Ill.

A King Var From Harden



HARDEN FARM KING DUTCHESS
An own daughter of Dunloggin King Var, whose daughters now in production carry nearly perfect udders and are going at a great rate on test. The dam of this one is Rolling Knoll Miss Rex Matador—now on test in 169 days has made (2X) 440.9 lbs. fat from 10,556 lbs. milk. Previously as a 3-yr.-old she made 611.8 lbs. fat from 15698 lbs. milk averaging 3.89%. Dam is by Dunloggin Model, next dam a daughter of Dunloggin Master Stroke. Heifer was bred 2-6-49, to Harden Farms Deen Supreme, son of the "Excellent" Grand Champion and breed famous Hickoryvale Moole Canary with 806 lbs. fat at 4 yrs. Know the good looking fellow at the halter?

At JONABELL—while Mr. Bell almost turned us loose—ending up with four, one Jonabell Sweetheart, by Solid Gold, from Jonabell All Gold—she by Deubler from Ivy Bower Marigold, one of the greatest living cows of the breed today. Two others are daughters of Jonabell Daisy, she from Jonabell Laura, she from Ivy Bower Larkspur, all three generations Penna. State record holder when made for age and division. More later on these.

At CURTISS CANDY—A lovely pair, one by each of their sons of famous Dunloggin Adeen. Curtiss Candy Deen Harry, 7 months at sale time, from a 2-yr.-old with 619 lbs. fat 3X, she by a son of the great Governor of Carnation. Curtiss Candy Master Sylvia—by Curtiss Candy Masterpiece (Ovation, from Adeen). Her dam with 612 lbs. fat at 2½ years by Dunloggin Dutchland.

At OTCO—An own daughter of Lochinvar. Her dam, Pebble Beach Mary Ann with 810 lbs. fat 4.7%, by Montvic Chieftain 7th, this is Butterfly Annamae Lochinvar (sold for $2,000 as a calf). She will be fresh and is a marvelous individual and great udder.

Also, Otco R Var Duchess, due in July by Woodsman. She is by Romeo Var from a dam with 768 lbs. fat 4.1%, and is bred to a son of 1062-lb. dam averaging 4.4%.
A beautiful consignment of six head.

At WILLOWRIDGE—Three daughters of Dunloggin Ormsby Lochinvar whose daughters are doing so well—he from Dunloggin Mistress De Ormsby that has just made approximately 1070 lbs. fat at The Hedge.

At WINFARM—An own 2-yr.-old daughter of the "Excellent" Weber Burke Clover Lad, just fresh and about as nice a heifer of her age as one could possibly wish.

At MEADOW SPRINGS—An own daughter of Montvic Rag Apple Sovereign, bred to the great Dunloggin Follow On; also three daughters of Dunloggin Follow On, and his beautiful young son (born Sept. 24, 1948) from the well-known young cow, Dictator Ormsby Fobes Linda—576 lbs. fat 2X at 4 yrs., with a 4% test (she sold for $4550 in 1945). Three of her sisters have sold for better than $5,000. This is a very fine offering.

SUPER-DUPER SALE – EARLVILLE, N. Y. – JUNE 15-16

EARLVILLE, N. Y. – SUPER-DUPER SALE

The 75th

GARDEN SPOT SALE

At the J. M. Brubaker Farm
WILLOW STREET VILLAGE, 4 Miles South of
LANCASTER, PA.
Just Off Routes 72 and 222

THURSDAY — MAY 19

In accordance with the annual custom, this May sale will feature—

BRED AND OPEN HEIFERS

Carefully selected for breeding and type from some of the good herds of Pennsylvania.

65 Registered Holsteins

T.B. ACC. — BANG'S CERT. — MANY CALFHOOD VACCINATED
Milking Cows Mastitis Tested

Complete Dispersal

LESTER S. HOCH, Carlisle, Cumberland Co., Pa.
A Certified Herd of 24 Head of Reg. Holsteins
Mostly Calfhood Vaccinated

Mr. Hoch has sold his farm and this is a complete dispersal consisting of 12 cows, 9 bred and open heifers and 3 heifer calves.

DHIA Records for 5 Years:
Annual Averages Close to ..... 400 Lbs. Fat
Three Cows Selling with about ..... 600 Lbs. Fat

10 daughters of leading sires in the S. E. Penna Art. Assn., including 3 daughters of "Lucifer", 2 by Boiling Springs Forum Lucky and 8 daughters of two highly proven sires bred at Penn State College. Three cows bred to Lucifer.

WELL-KNOWN LANCASTER BREEDERS CONSIGNING INCLUDE

Aaron Glick, Elvin Hess, Richard Hyatt, Abram Z. Rittenhouse, Moses Lapp, LeRoy Welk, Earl L. Groff, Naaman Stoltzfus, Abner Risser, E. K. King and John B. Lapp. Still room for a few more bred or open heifers of good quality. Notify either—

R. AUSTIN BACKUS
Sale Mgr. anud Auct.
Mexico, N. Y.

— or —

EARL L. GROFF,
Local Representative,
Strasburg, Pa.

RICHMOND, UTAH B & W SHOW

(Continued from page 36)

Carnation and Burke with a few KPLO's, John Hetts Admirals and Colony bulls scattered over the state. But by and large when the breeders gather the first two lines mentioned are the ones that will bring forth the most discussion.

Last year 270 head were shown at this Black and White Show and the breeders hope to beat that number this year. But you may rest assured the good ones will be out.

Leading exhibitors who will be showing will be:

George H. Anderson, uentin Peart, Wm. R. Harris, Glen Larsen, LeRoy C. Funk—all of Richmond; Ross Gordon, Plowman Brothers, Bart Richardson—all of Smithfield, Utah; Spring Creek Ranch, Utah State Agricultural College—of Logan, Utah; Edgewood Hall Farms—Providence, Utah; Henry Drury & Sons, Mark Talbot, Darrell Rogers—all of Preston, Idaho; Brigham Young University—Provo, Utah; Maurice Larsen—Corrinne, Utah; Leon Hardy—Honeyville, Utah; R. E. Robson, Merwin Thompson—Plain City, Utah; Industrial School, Dee and Lee Brown—Ogden, Utah; Eddis Taggart, Walt Taggart—Lewiston, Utah; Merrill Warnick, Charles Warnick—Pleasant Grove, Utah; and many others.

The committee in charge of this year's show is composed of the following men:

George Anderson, Chairman; James T. Murray, Vice Chairman; and Milton Webb, Secretary; Directors are Cyrus Skidmore, F. T. Whittle, J. E. Erickson and Quentin Peart.

Judges who have participated at these shows in the past have been:

G. E. Gordon, Extension Dairyman for California's M. B. Nichols, Extension Dairyman for Washington; S. B. Hall, Vice-President of Holstein-Friesian Association; W. S. Moscrip, Former President of Holstein-Friesian Association; Late Thomas E. Elder, New Hampshire; G. C. Anderson, Extension Dairyman of Idaho; D. L. Fourt, Head of Dairy Department of Idaho; Ivan Loughary, Extension Dairyman of Wyoming; Prof. George B. Caire, Head of Dairy Department, Utah State Agricultural College.

An old French proverb says a father is a banker provided by nature.

Buy the Blood of Chieftain 7th

in the

Dr. Walter J. Bernhardt Dispersal

At the Farm — West Webster, N. Y.

FRIDAY — MAY 27th

Sale in Large Tent — Lunch Available

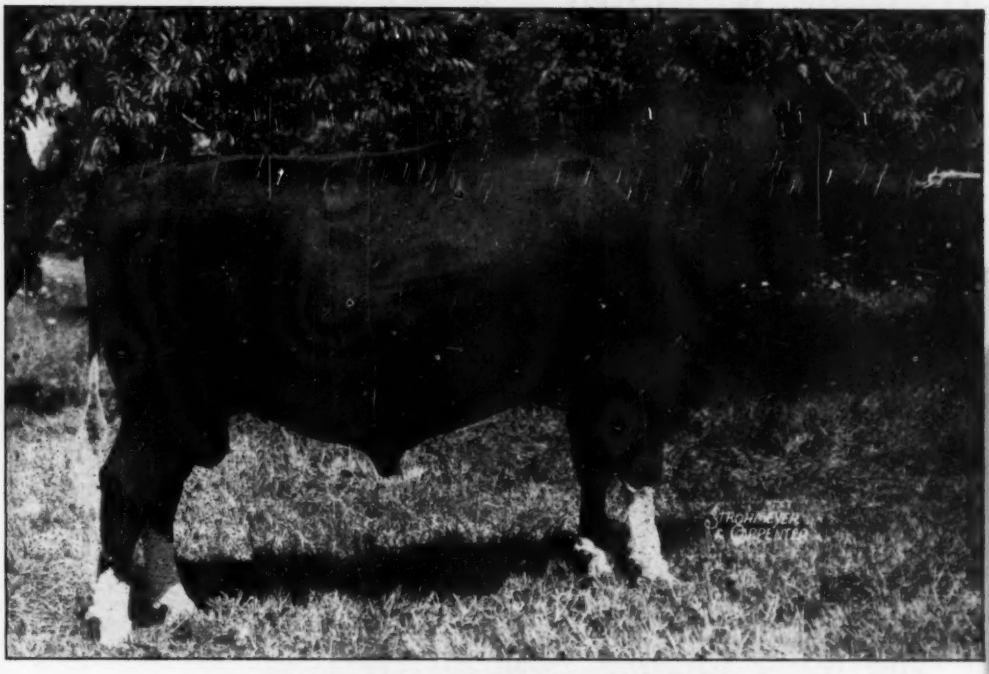
50 REGISTERED HOLSTEINS

ACCREDITED — APPROVED — VACCINATED
Can Go to Any State
Details Next Issue
R. AUSTIN BACKUS, Sale Mgr. and Auct., Mexico, N. Y.

A GRANDDAUGHTER AND 15 GRANDDAUGHTERS

MONTVIC CHIEFTAIN 7th
Gold Medal Proven Sire.

"Cavalier" Comes to Green Lawn Farm



CARNATION IMPERIAL CAVALIER

"Excellent" son of Carnation Governor Imperial and from Carnation Homestead Violet, the 1115-lb. 3.8% 7-year-old that sold for $12,500 to top the 1946 Curtiss Candy Classic. Cavalier is thus a double grandson of Governor of Carnation and he was Honorable Mention for All-American 3-year-old in 1946.

And his Artificial Services are available as in the past!

Cavalier's new home . . .

is located six miles south of Rochester, N. Y., three miles north of Scottsville, on Route No. 253 (Scottsville Road). Here Cavalier heads a herd of fifty registered Holsteins that has been maintained for several years. With rigid culling it has become one of the highest producing herds in the county and we hope for continued improvement. More information concerning GREEN LAWN FARM will be presented in future advertisements.

GUY E. MICHAEL
Owner

GREEN LAWN FARM

SCOTTSVILLE, NEW YORK

Phone Rochester Genessee 6143-W

ARTHUR FISHER
Manager

Remember . . . you can continue breeding your good cows to CAVALIER

HERE IS PROOF

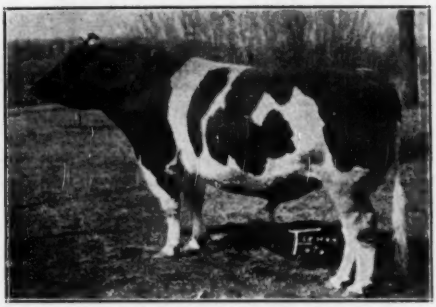
His Full Sister:

Creston Rag Apple Favorite

1163 F. 4.3% 26913 M. 3x 6y

His first three Daughters:

Fayne Chief Tensen	2y 2m 2X 481.0F.
Johanna Rex Yvonne	2y 5m 2X 551.4F.
Hyup R. A. Orms. Nancy	1y 8m 2X 535.4F.



REX CHIEF OF STAFF "V.G."
Our son of the "G.M." Montvic Rag Apple Chief, out of the 794-lb. fat National HIR Champion (2X) Jewel Midnight Snowstorm.

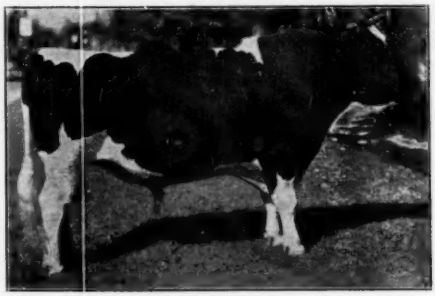
HY-UP FARMS

EVERETT R. MILLER, Mgr.
5610 Coalidge Rd.

Div. of Palmer-Bee Co.
Birmingham, Michigan

GARNET SEIGEL
Herdsman

The Most Intense 'Madcap' Herd in the World?



CARNATION GOVERNOR MADCAP

Proven on 23 dam-daughter comparisons with an average increase of 1780 lbs. milk, .05% test, and 71 lbs. fat. He died following a year of artificial service in Utah where he has sired a large number of outstanding calves.

We offer his grandsons by our other "Madcap" sires—$300 to $500.

Carnation Governor Madcap

Died April 18, 1949

At

Brigham Young University

78 of our 80 Head

Are His Descendants!

"JOHN BULL" is gone — but his memory will live on at DUNBAR & MIDDLETON FARMS for many years to come. We have 27 of his daughters, 22 granddaughters, 9 great-granddaughters, and 1 great-great-granddaughter. We have 4 sons, 7 grandson, 2 great-grandsons and 2 great-great-grandsons. Only 1 14-year-old cow is not a "Madcap" — and only 1 "Madcap" heifer is not a "John Bull" descendant!

Dunbar & Middleton Farms — Colfax, Indiana

Lakeland Farm

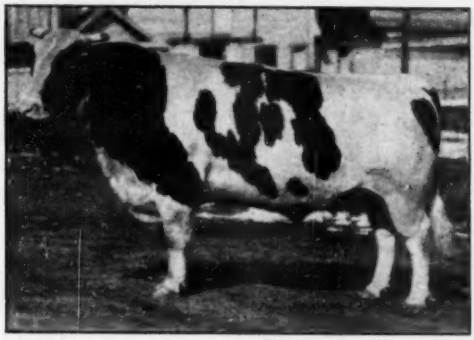
DISPERSAL

K S T P EXPERIMENTAL FARM — STANLEY E. HUBBARD, OWNER

53 CHOICE HOLSTEINS

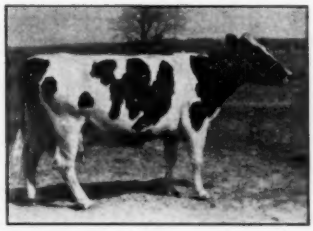
HERD HEADED BY

A SON OF GOVERNOR OF CARNATION



FROM A MADCAP DAM

CARNATION MADCAP DISCOVERY
Born Sept. 12, 1944
An outstanding individual. Won second as a 2-year-old at Minnesota. By Governor of Carnation, and from a 540-lb. 2-year-old maternal sister to the famous Madcaps with 1392, 1313, 1209 and 1046 lbs. fat. A full sister to Discovery now on test with 411 lbs. fat in 123 days with 4% test.



DeC FORUM ARTIS SEGIS
A daughter of Forum King Bessie, from a daughter of Rofred Admiral Fobes. Has 223 fat in 142 days. Bred to Pabst Roamer Don.

25 PURE BREDS · 28 GRADES

—26 cows with records averaging well over 400 lbs.
— 8 bred heifers by "Discovery"
— 9 yearlings by "Discovery"
— 8 heifer calves by "Discovery"
— 1 bull calf by "Discovery"

A QUALITY HERD

Splendid type and popular breeding. Most of the cows have records of 400 and 500 lbs. under ordinary conditions.

TB AND BANG'S FREE HERD

Q P FANNIE MONTVIC WALKER
435 lbs. fat as a 2-year-old (2X), and has 349 lbs. fat in 221 days this lactation. By a son of Raymondale Perfection Posch. Due in September to Discovery.

SHATTUCK HEILO ORMSBY
A show 3-year-old. Freshened as 2-year-old and has 239 lbs. fat in first 113 days. Sired by the 1015-lb. Carnation Imperial Producer. Bred to "Discovery".

SATURDAY
MAY 21

1 PM. At Lakeland Farm
16 miles East of St. Paul, Minn., on US 12. 2 miles south of Hudson Bridge on Minnesota side.

For Catalog Write
G. R. MELIN
4529 Bryant Ave. S,
Minneapolis, Minn.

WISOF PEERLESS MATHILDA
495 lbs. fat past year. Has 320 fat in first 126 days this lactation. From a 618-lb. dam and by an 882-lb. son of Carnation Peerless.

Vosburgh Does

SELLING THE HERD, FARMS, EQUIPMENT & PRODUCE OF

R. P. KUTSCHBACH & SON

at the Farm, SHERBURNE, Chenango Co., N. Y.

The main farm is in the village of Sherburne, at the junctions of Routes 12 and 12B—you can't miss it.

84 REGISTERED HOLSTEINS

T.B. ACCREDITED — NEGATIVE TO BLOOD TEST — VACCINATED

This herd was founded in 1898. Harold Kutschbach took over in 1910, and since that time a continuous program of planned breeding has been followed—NOT A SINGLE FEMALE HAS BEEN PURCHASED IN THIRTY-FOUR YEARS!

GOVERNOR OF CARNATION
50 of his granddaughters sell — the ages range from yearlings to 5-year-olds!

Selling !

FIFTY GRANDDAUGHTERS of GOVERNOR OF CARNATION !

All Are Daughters of the Former Herd Sire . . .

Carnation Governor Matador

720712

Son of GOVERNOR OF CARNATION and from CARNATION INKA LAURA 1554598—

5½y	305d	906.9 F.	3.8%	23,891.7 M.
26m	365d	562.3 F.	3.6%	15,512.1 M.

As own daughter of SIR INKA MAY and her dam a 992-lb. dau. of MATADOR SEGIS ORMSBY.
what a combination!

CARNATION GOVERNOR MATADOR has this outstanding proof DHIA 2X 305d ME:

12 Dtrs.	(28 recs.)	14832M	3.6%	536F
12 Dams	(18 recs.)	12537M	3.3%	410F
Increase		2295M	.3%	126F

PROVED IN 8 DIFFERENT HERDS

CARNATION GOVERNOR MATADOR was the fourth of four great Carnation sires to be used by Mr. Kutschbach . . . and each of these sires is proved:

No. 1 was SIR DAYBREAK PROSPECT 406900, a son of Carnation Segis Prospect and from one of the great daughters of MATADOR SEGIS WALKER.
No. 2 wasPRINCE REGINA 580271, a son of Carnation Prince from an 814-lb. fat daughter of SIR INKA MAY.
No. 3 was SIR INKA MAY 42d 705137, a son of Sir Inka May from a 1141-lb. fat daughter of MATADOR SEGIS ORMSBY.
No. 4 was CARNATION GOVERNOR MATADOR.

38 Milkers — 20 Bred Heifers
6 Heifer Calves — 10 Open Heifers
8 Well Bred Bulls

It's a young herd—half the milkers are 1st or 2nd-calf heifers.

THIS HERD SELLS

TUESDAY — MAY 10

at the Farm

It Again !

Tuesday & Wednesday — May 10 & 11

TWO BIG DAYS! — 80 REGISTERED HOLSTEINS (and What a Herd !)
70 REGISTERED ABERDEEN ANGUS
900 ACRES OF REAL FARMS
ALL PRODUCE & EQUIPMENT

Some of the Heifers

GRANVILLE LORNA JUAN—
2y 305d 415 F. 11,300 M. 2X

GRANVILLE BETTE GOVERNOR—
Fresh at 3y on Feb. 19 she made 77 lbs. fat for March.

GRANVILLE GERALDINE GOVERNOR—
2y 111d 164 F. 4760 M. 2X inc.

GRANVILLE DOLLY GOVERNOR—
2y 102d 213 F. 4400 M. 2X inc.

GRANVILLE BERNICE GOVERNOR—
3y 58d 109 F. 3190 M. 2X inc.

Here Are Some of the Cows

GRANVILLE PAULINE ROBIN—
6y 197d 371 F. 11,300 M. 2X inc.

GRANVILLE WALLIE INKA MAY—
8y 305d 513 F. 15,610 M. 2X
Fresh at sale time to the Governor bull.

GRANVILLE WALLIE GOVERNOR—
Daughter of Wallie Inka May (above).
4y 305d 421 F. 12,140 M. 2X
Due in Sept. to the Governor bull. Her son, born Feb. 29, 1948, is selling—he also by the Governor bull.

TUESDAY — MAY 10

10:30 A. M. Sharp — 70 REGISTERED ABERDEEN ANGUS SELL !

Established 9 years—this breeder's herd of Registered Angus is just as good in its line as the Holstein herd—and that's GOOD!

NEXT — 80 REGISTERED HOLSTEINS

This 100% Carnation, 100% home-bred herd that represents 51 years of planned Holstein breeding by two generations of good practical cow men.

WEDNESDAY — MAY 11

10:30 A. M. Sharp — 3 FARMS — 900 ACRES

Fine Buildings Including 2 Tenant Houses

Always intensely farmed—last year there were 40 acres oats, 40 acres corn, 30 acres peas, 35 acres beans. There are 300 cultivated acres including 58 acres of Chenango river deep rich soil without a stone. ALSO 175 ACRES OF TIMBER—called by Mr. Kutschbach "said to be the largest chunk of virgin timber in Chenango County". The timber land has been treated as scientifically as the crop land.

Then 2500 Pedigreed Leghorn Hens Sell—Followed By Produce and Equipment

Everything Goes at Auction — It's a Vosburgh Sale!

Equipment includes a big Cletrac and a Ford tractor. 2 Jamesway sectional incubators used in the hatchery here; 8 brooder houses; 8 range shelters; and all other items usually found on a big farm of this type.

For information, call:

CHARLES VOSBURGH — Owner & Auctioneer

Cortland, N. Y. (phone 605)

or the former owner, HAROLD KUTSCHBACH, 'phone 53-J, Sherburne, N. Y.

Enrich Your Herd

with

45th Blood

at the

NEW JERSEY State Sale

at

TRENTON FAIR GROUNDS

WEDNESDAY May 11

At 11 A. M. — Lunch Served

62 Registered Holsteins

ALL ACCREDITED — MANY CERTIFIED — MOSTLY VACCINATED

From 30 Leading Herds of New Jersey

— — —

Sale Managed and Auctioneered by
R. AUSTIN BACKUS, Mexico, N. Y.
and Sponsored by

N. J. Holstein Ass'n

E. J. PERRY, Secretary, Nichol Ave., New Brunswick, N. J.
SEE LAST ISSUE (Page 70) FOR FURTHER DETAILS

Are YOU Looking For a Job Like This?

The man who has milked our 3X cows and had general charge of our milking barn for the past three years is leaving to take a position as Herd Superintendent of another herd. We need someone to take his place. We want a man who has had good experience in the care and feeding of high producing cows, who is willing to milk three times a day and who has a real interest in and affection for cattle. To such a man we offer the opportunity to work with good cows, also good living and working conditions in a pleasant environment in a beautiful country. Good living facilities for either a single or a married man. The farm is located near good schools and there are both Protestant and Catholic churches in Bradford.

MALLARY FARM, Bradford, Vermont (Phone 54R-2 or 54R-3)

Use a "WORLD" Ad to Help Your Sales

WOOSTER HERD DISPERSAL MAKES $569 AVERAGE

Catalog Summary

55 Females 2y & over (9 calves under 3m swd)	$29,110	$529.28
11 Bred Yearlings	5,600	509.09
8 Open Yearlings	3,885	485.63
20 Heifer Calves over 3m	8,520	426.00
9 Bulls over 3m	9,680	1,075.55
103	$58,635	$569.27

The dispersal of the well known herd of Wooster Fruit and Dairy Farms, Union Hill, N. Y., was held April 20 at the nearby Palmyra Fairgrounds. As previously announced, this whole outfit, including the herd and eight fully equipped fruit and dairy farms, had been purchased outright by Charles Vosburgh, Cortland, N. Y., for liquidation.

Favored with a beautiful day, a large crowd from a wide area of the East crowded the sale tent to capacity, with standing room at a premium. The herd has long been certified on blood and had passed a recent clean test, except for one young heifer showing vaccinal teter. Known defects were stated, but the animals were sold with no guarantee otherwise. There were a number of animals with a little age and some defective udders, and of course as the sale was held on very short notice, the animals were in regular herd condition.

Center of attraction was the 2-year-old senior herd sire, Carnation Imperial Cavalier. Classified Excellent, he is a son of Carnation Governor Imperial out of Carnation Homestead Violet, the famous $12,500 1115-lb daughter of Governor of Carnation from the Madcap line. He was purchased at $5600 by Guy E. Michael, Scottsville, N. Y., following a spirited bidding duel with Dick Ross of Gowanda and several artificial breeding groups. His 50 offspring, the oldest only recently bred and including young calves and all, were well appreciated, selling for $20,595.

The other main herd sire, Crownhurst Segis Perfection (son of Rosie Perfection) was purchased at $2025 by the NEPA Artificial Breeding Association at Tunkhannock, Penn. His 8 offspring sold for $4600, including the top female at $1000.

The sale included 28 daughters of Sir Bess Ormsby Fobes Dean, former herd sire and popular member of the N. Y. A. B. C. battery of sires. There were some great high testing dairy cows in this group of Dean daughters, and the 28 sold for an average of $501.

We are presenting this information from ringside, without waiting for a list of the names of other purchasers. Mr. Vosburgh and Fred Saltsman alternated in the selling, with Danielson assisting in the ring. They kept the crowd in high good humor. Carl Wooster worked in the box throughout the day, with the announcements and information supplemental to the catalog—which Waterloo Pedigree Co. rushed out for the occasion on short notice. Jerry Wooster and Paul Dean presented the cattle in the ring.

Seven of the farms and the extensive equipment were sold on the three days following the herd sale. We do not have the results of that selling.

Twister Creek Farm Dispersal

Catalog Summary

25	Females 2y & over	$11,335	$435.40
	(3 calves under 3m swd	790	263.33
8	Bred Yearlings	3,115	389.38
5	Open Yearlings	1,535	307.00
9	Heifer Calves over 3m	2,495	277.22
7	Bulls over 3m	2,665	380.71
54		$21,935	$406.20

The Twister Creek Dispersal at Forest City, Iowa on March 24th made an average of $406 on 54 head. The feature of this sale was the intensely bred Sir Bess Ormsby Fobes bull, Sir Bess Ormsby Fobes Blood. He sold with one of his four year old daughters and several of his baby calves. Harold Goldsmith, Ridgefield, Connecticut, paid $1050 to take this bull back east; he paid $825 for the older daughter and $710 for a Good Plus daughter of Dunloggin Victor with a 422 pound 2 year old record. The little calves by the "blood" bull were in good demand selling as high as $350 and averaging $272, some of them just a few weeks old.

The "Blood" bull is a three quarter sister to the famous National Champion the All-American, Bess Skylark Ormsby Dora, is classified Excellent and has one Excellent son, (the Osborndale bull) and has three tested daughters from 433 to 585 pounds of fat as two year olds testing 3.9, 4.0 and 4.2%.

Seven daughters of the proven sire, Chestertons Gem Supreme made an average of $500. There were 10 nice daughters of the Transmitter grandson, Rockcrest Sir Transformer, calves and yearlings, that brought good prices.

The Twister Creek sale was under the management of Claude E. Wylam, Waverly, Iowa. The herd was owned by Dr. T. J. Irish and Kenneth Hanna, and managed by Henry C. Nelson, all of Forest City. Mr. Hanna was herdsman. The selling was done by J. E. Mack with Mr. Wylam reading the pedigrees and making the announcements.

Buyer's list follows:

Harold S. Goldsmith, Ridgefield, Conn.
(M) Sir Bess Ormsby Fobes Blood (11-10-42) $1050
Bess Ormsby Pansy Blood 825
North Star Victoria F On Con Grace (9-7-44) 710
Raymond D. Lienau, Fredericksburg Iowa
Twiscreek Transmitter Star (6-11-47) 690
G. J. De Sotel, Dows, Iowa
Twister Creek Ilona Rue (3-17-45) 610
Royal Neeley and Sons, St. Ansgar, Iowa
Twiscreek Lady Carnation Toots (1-8-46) 600
Gratus Cooper and Son, Clear Lake, Iowa
Helen Hunt Mercedes (5-15-41) .. 580
Eldon Anderson, Laurens, Iowa
Twister Creek Morning Glory (3-2-45) 530
Raymond Clark, Galt, Iowa
Yankton Hello Pietertje (11-23-41) 510

Other buyers were: Walter Vining, Osage; John R. McKee, Carlisle; Raymond Laabs, Lone Rock; Jos. Klemm, Algona; T. T. Kies, Story City; Tjark Krull and Son, Buffalo Center; Bruce Thompson, Forest City; H. H. Kerndt & Sons, Lansing; Norris Groe, Lake Mills; Dean D. Gant, Dana; G. A. Engebredtson, Scarville; Allen Edwards, Buffalo Center; Carl Duenow, St. Ansgar; R. C. Brown, Apullina; Stanley Brighton, Lake Mills; A. L. Bidne and Son, Lake Mills; A. J. Johnson, Elkader; Harold J. Jorgenson, Laurens; Bobby Rummens, Hardy; Werner Schlichting, Tripoli; I. P. Stewart, Maynard; M. R. Pyle and Son, Geneva; Dean E. Holstad, Lake Mills; Marilyn Hanson, St. Ansgar; Carl A. Hanson, St. Ansgar; Chas. Hanson, St. Ansgar; Everett Hildebrandt, Waverly; Theodore Hagendorn, Iowa Falls; Andrew Souer and Son, Keswick, Iowa; Virgil F. Holstad, Emmons; Lawrence Hagedorn, Elmore, Minnesota.

Statistical data furnished by Claude E. Wylam, Waverly, Iowa.

SIR BESS ORMSBY FOBES BLOOD (EX)

Purchased by Harold Goldsmith, Ridgefield, Connecticut, for $1050 at the Twister Creek Dispersal, Forest City, Iowa, and March 24.

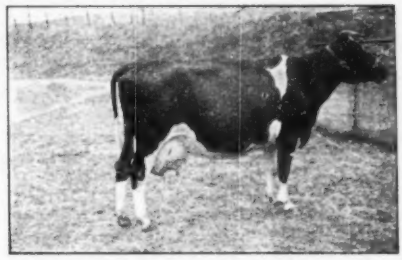
The Jonabell Herd

The Utmost in Quality Holsteins

Marigold Boosts Her Total

to

145,118.8 M. 3.5% 5,136 F.



IVY BOWER MARIGOLD

After making seven consecutive 2X records, starting as a junior 4-year-old, ranging from 500 to 590 lbs. fat, she made three more 305-day records at 12, 13 and 14 years of age averaging well over 400 lbs. fat on 2X — to give her a total for the ten 2X records, 7 of them in only 305 days, of—

145,118.8 M. — 3.5% — 5,136.5 F.

and is due again on May 26, 1949, at which time she will be 15 years, 9 months of age. She is bred to her own son, Jonabell Sun, and we are looking forward with great interest to the arrival of this calf. Remember it was this same kind of a dam-son mating that produced Dunloggin Deubler, the foundation sire of our herd.

MORE ABOUT MARIGOLD NEXT TIME

JOHN A. BELL, Jr., Owner

Oliver Bldg., Pittsburgh, Pa.

JONABELL IS LOCATED NEAR SEWICKLEY, PENNSYLVANIA

A 1,000 POUND 2X COW IN HERD TEST

Sequoia Grace Quality 2101609 (V.G.) has recently completed the second highest record that has ever been made in Classification 2X in the Herd Test. At 9 yrs. 9 mos. of age she has produced 24905 lbs. milk, 4.3%, and 1069.2 lbs. fat in 365 days. She had 15 days on official test. She was the 425th cow to produce more than 1,000 lbs. fat in a year under the supervision of the Holstein- Freisian Association of America. She is the seventh cow to make such a record in Classification 2X, and the fifth cow to make a 1,000 lbs., 2X record in Herd Test. She was bred and is owned by F. S. Borror & Son, Springville, California. The cow has the following records to her credit, all made in Herd Test:

2X	3 yrs.	7 mos.	342 days	14156 lbs. M.	3.8%	537.6 lbs. F.
2X	4 yrs.	10 mos.	179* days	7651 lbs. M.	3.8%	294.4 lbs. F.
2X	5 yrs.	11 mos.	334 days	18411 lbs. M.	3.6%	654.4 lbs. F.
2X	7 yrs.	0 mos.	330 days	20235 lbs. M.	3.7%	756.1 lbs. F.
2X	7 yrs.	11 mos.	358 days	18348 lbs. M.	3.7%	680.8 lbs. F.
2X	9 yrs.	9 mos.	365 days	24095 lbs. M.	4.3%	1069.2 lbs. F.

*Incomplete record.

Her latest record aso places her in the 100,000 lb. class. Her total production through the close of the recent period is 108204.0 lbs. milk, 3.8%, and 4150.3 lbs. fat in 2060 days. The new 1,000 lb. cow has three Herd Test daughters. The oldest one, Sequoia Grace Double Quality 2470898 (G.P.), an inbred daughter by her own sire, made 14290 lbs. milk, 4.0%, and 573.5 lbs. fat in 365 days, Classification 2X at 4 yrs. 7 mos. of age. At 2 yrs. 10 mos. she produced 12590 lbs. milk, 3.8% and 484.7 lbs. fat in 365 days, Classification 2X. The second daughter, Sequoia Juliette B B 2567056 (V.G.), made 14230 lbs. milk, 3.3%, and 465.8 lbs. fat in 359 days, Classification 2X at 2 years, 4 mos. of age. At 3 yrs. 5 mos. she started another record which was incomplete at 171 days, during which time she produced 9339 lbs. milk, 3.8%, and 350.6 lbs. fat in Classification 2X. The youngest daughter, Sequoia Robee B 2642859 (G.P.), made 8898 lbs. milk, 3.8% and 341.0 lbs. fat in 342 days, Classification 2X at 2 yrs. 8 mos of age. The sire of the 1,000 lb. cow is King Segis Quality De Kol 610442 (V.G.), a Silver Medal Production Sire. He has 70 Herd Test daughters, five of them with over 700 lbs. fat on twice a day milking. The dam of Sequoia Grace Quality is Grace Cox 1695114 ((V.G.), who has a Herd Test record of 16455 lbs. milk, 3.7%, and 614.5 lbs. fat in 362 days, Classification 2X at the age of 10 yrs. 3 mos. The dam has three Herd Test daughters. Following the 1,000 lb. cow, the next highest record daughter is Princess Grace Quality 1894251 who has three records, the highest one being an incomplete record at 255 days, in which she produced 15661 lbs. milk, 3.4%, and 528.9 lbs. fat in Classification 2X at 8 yrs. 3 mos. The youngest daughter, Sequoia Grace De Kol Quality 2205602 (G.), is a full sister to the 1,000 lb. cow with 12564 lbs. milk, 3.6%, and 446.4 lbs. fat in 365 days, Classification 2X at 3 yrs. 10 mos. of age.

Raising the test from 3.57% on the dams to 3.88% on his daughters, the bull, Anker Fobes Admiral (G.P.) owned by Anker Farms, Rice Lake, Wisconsin has an HIR proving on 6 pairs. The dams made records averaging 403 pounds of fat while the daughters made an average of 478. Thirteen daughters of this sire have records averaging 460 pounds of fat.

MONOGRAM PIETJE

OUR SENIOR SIRE

Son of Montvic Monogram . . .
and from a REAL COW FAMILY!

His dam is POMONA TENSEN PIETJE (V.G.) with 2X records from 465 to 628 lbs. fat and up to 4.03%. Now making over 20,000 lbs. milk at 14 years.

Her dam is SILVER TENSEN PABST (V.G.) with records to 735 lbs. fat (3X) and 619 lbs. fat (2X) and a lifetime total to date in 8 lactations of 4,372 lbs. fat from 126,546 lbs. milk. She is the dam of a twice All-Canadian heifer and of R.O.M. daughters to 4.33%, 795 lbs. fat on 2X.

A full sister to Monogram Pietje, POMONA SILVER PABST, has 4,907 lbs. fat from 142,037 lbs. milk in 9 lactations—and she has 5 tested daughters that average 554 lbs. fat on 2X.

MONTVIC MONOGRAM, sire of Monogram Pietje, sired two full sisters by Silver Tensen Pabst (Monogram Pietje's granddam—one was All-Canadian in 1943 and again in 1945, and has 542 lbs. fat on 3X at 2y; the other has 629 lbs. fat on 3X, also at 2y.

A 100% sister to Monogram Pietje, POMONA SILVER TENSEN, has 795 lbs. fat from 18,368 lbs. milk at 7 years on 2X.

A maternal sister to Monogram Pietje, POMONA R A PAPOOSE, has 500 lbs. fat from 15,941 lbs. milk on 2X at 3 years.

This distinguished list grows steadily—Monogram Pietje should transmit this greatness—write for information.

Briarkill Farms

JOE BRILL **STONE RIDGE, N. Y.**

New York Holstein-Friesian Association

W. D. BROWN, Secretary
283 N. Aurora St., Ithaca, N. Y.

TITUS FARMS DISPERSAL

Catalog Summary

28 Females 2y & over		**$10,800**	**$385.71**
(6 calves under 3m swd)		**645**	**107.50**
2 Bred Yearlings		**760**	**380.00**
7 Open Yearlings		**1,960**	**280.00**
8 Heifer Calves over 3m		**1,222**	**152.81**
2 Bulls over 3m		**575**	**287.50**
47		**$15,962**	**$339.63**

Mr. and Mrs. Albert Titus, Camillus, N. Y., dispersed their herd April 4th under the management of R. Austin Backus, Mexico, N. Y., who was also the auctioneer.

Glen Logie Wayne, born July 18, 1944, and with a record in 354 days at 3½ years of 547 lbs. fat, 3.8%, 2X, brought the high price of the day, $625, on the bid of William Whitten, Scipio Center, N. Y.

Walter Pike, Avon, N. Y., wrote the largest check, $2645 for six head. Emil Daniluk, Camillus, also took six head for a total of $1965.

Buyers follow:

Wm. Whitten, Scipio Center, N. Y. (2)
Glen Logie Wayne (7-44) 625
Emil Daniluk, Camillus, N. Y. (6)
Matador Posch Roseline (10-43) .. 500
Other buyers were: Samuel T. Irwin, Geneseo; Edward Withey, Skaneateles; H. P. De Nise, Fairport; J. R. Merritt, Skaneateles; Julius Westheimer, Middleburg; Walter Pike, Avon; W. D. Johnson, Walcott; Henry Lehtonen, Mexico; Leo L. Linton, Geneseo; John Rether, Camillus; Geo. P. Rusyniak, Camillus; Laurence J. Hule, Geneva; Metford Frost, Gustav Frietag, Skaneateles; Geo. E. Francis, Jr., Palmyra; Nicholas De Rito, Camillus; Walter A. Demarse and Son, Red Creek; Henry J. Craine, Red Creek; Wm. L. Clark, Camillus; G. M. and Stella L. Becker, Scipio Center; Lewis S. Bell, Interlaken, N. Y.; and Roy Hoffman, Casa Grande, Ariz.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

DAYTON FIELD DISPERSAL

Woodstock, Ill — February 19, 1949

Catalog Summary

34 Females 2y & over		**$14,985**	**$440.74**
(3 calves under 3m swd)		**295**	**98.33**
3 Bred Yearlings		**1,145**	**381.67**
5 Open Yearlings		**1,300**	**260.00**
8 Heifer calves over 3m		**1,995**	**249.38**
1 Bull over 3m		**405**	**405.00**
51		**$20,125**	**$394.61**

The long-established Dayton Field herd was dispersed February 19th at the farm in Woodstock, Ill. A. W. Petersen Oconomowoc, Wis., was sale manager; J. E. Mack, Ft. Atkinson, Wis., auctioneer; and M. R. Campbell, Oconomowoc, clerk.

Axel Madsen, Kewanee, Ill., purchased five head including Contour Posch Walker at $725. Posch Walker is by a grandson of Decreamco Calamity Posch and from a 467-lb. 2X granddaughter of Count Walker Homestead Segis 7th. She herself was eight years old at sale time and has several good records in DHIA 2X including one of 541 lbs. fat at 5 years in 294 days.

The second high animal, Contour Johanna Pontiac, was also purchased by Mr. Madsen, she an Osborndale Sir Johanna Rag Apple (Silver Medal) granddaughter who sold at $615.

Of the 51 animals sold, all but three carried the "Contour" prefix. Out of state buyers included Scott Meyer Hannibal, Mo., and J. E. Carsen, Palmyra, Mo.

Buyers and their purchases at $500 and over follow:

Axel Madsen, Kewanee, Ill. (5)
Contour Posch Walker (10-40) 725
Contour Johanna Pontiac (2-44) .. 615
Contour Johanna Walker (11-44) . 560
Contour Walker Abbekerk (2-47) . 550
Donald Schumacher, Maple Park, Ill. (2)
Contour Pietertje Johanna (9-45) . 590
Society of the Divine Word, Techny, Ill.
Contour Burke Ormsby (11-45) ... 550
Scott Meyer, Hannibal, Mo. (3)
Contour Ollie Pietje (2-45) 550
Contour Colantha Pontiac (10-43) 500
Lawrence Worm, Woodstock, Ill. (17)
Contour Segis Posch (10-45) 525
Contour Walker Inka (11-42) 530
Contour Walker Johanna (1-45) . 500
Other buyers were: Wm. H. Williams, Huntley; Joseph Triner, Algonquin; Raymond Riese, Palatine; J. and P. Farm, Huntley; P. A. Arsenty, Huntley; Marshall Prouty, Ringwood; E. G. Haas, S. Elgin; Holy Ghost Convent, Techny; Oatman Farm, Dundee; Martin Manke, Woodstock; H. Marlowe, Huntley, Ill.; and J. E. Carsen, Palmyra, Mo.

Statistical data furnished by A. W. Petersen, Oconomowoc, Wis.

H. J. Szold, Mathewsfield, Washingtonville, N. Y., is justifiably proud of Olli Home Chieftain Duobess, a heifer purchased at the 1947 Earlville Invitational. This heifer freshened shortly after her purchase and in her ensuing lactation, started at 2 years, 3 months, she made 617 lbs. fat from 13,900 lbs. of 4.4% milk on 2X in 305 days—the highest record heifer in the Mathewsfield herd. She is a daughter of Pebble Beach Chloe Chieftain from a 100,000-lb daughter of Baker Farm Challenger.

Bred to the Mathewsfield son of Marksman, Bond Haven Rag Apple Jackpot, she freshened again in February with a bull that has been sold to Ferdinand F. Lewandrowski, Newport, N. Y.

A Double-Barrel OPPORTUNITY

We are offering for sale two nice 2-year-old heifers of our very best bloodlines. These two heifers are 100% representative of our entire group of young females here at Kelco. They have double Gold Medal grandsire backing along with great producing and transmitting dams. Here are two great prospects carrying two valuable calves.

Both are due in August to the service of Kelco King Sylvia.

SERVICE SIRE

.. * ..

6 of his 7 nearest dams average 915 of fat in 3X.
His 3 direct maternal dams have 832, 947 and 927 fat in 3X.
His sire's dam has 927 fat in 3X.
These 4 dams are all over 100,000 pounds of milk.
We already have 9 heifers from this bull and we like them.

KELCO KING SYLVIA 1000153

.. * ..

HEIFER No. 1—

KELCO EILEEN POSCH 2870969

Her 7 nearest dams average 811 of fat. With the single exception of her own young dam all these dams are over 100,000 lbs. of milk.

HEIFER No. 2—

KELCO CHAMPION ORMSBY DOROTHY 2823184

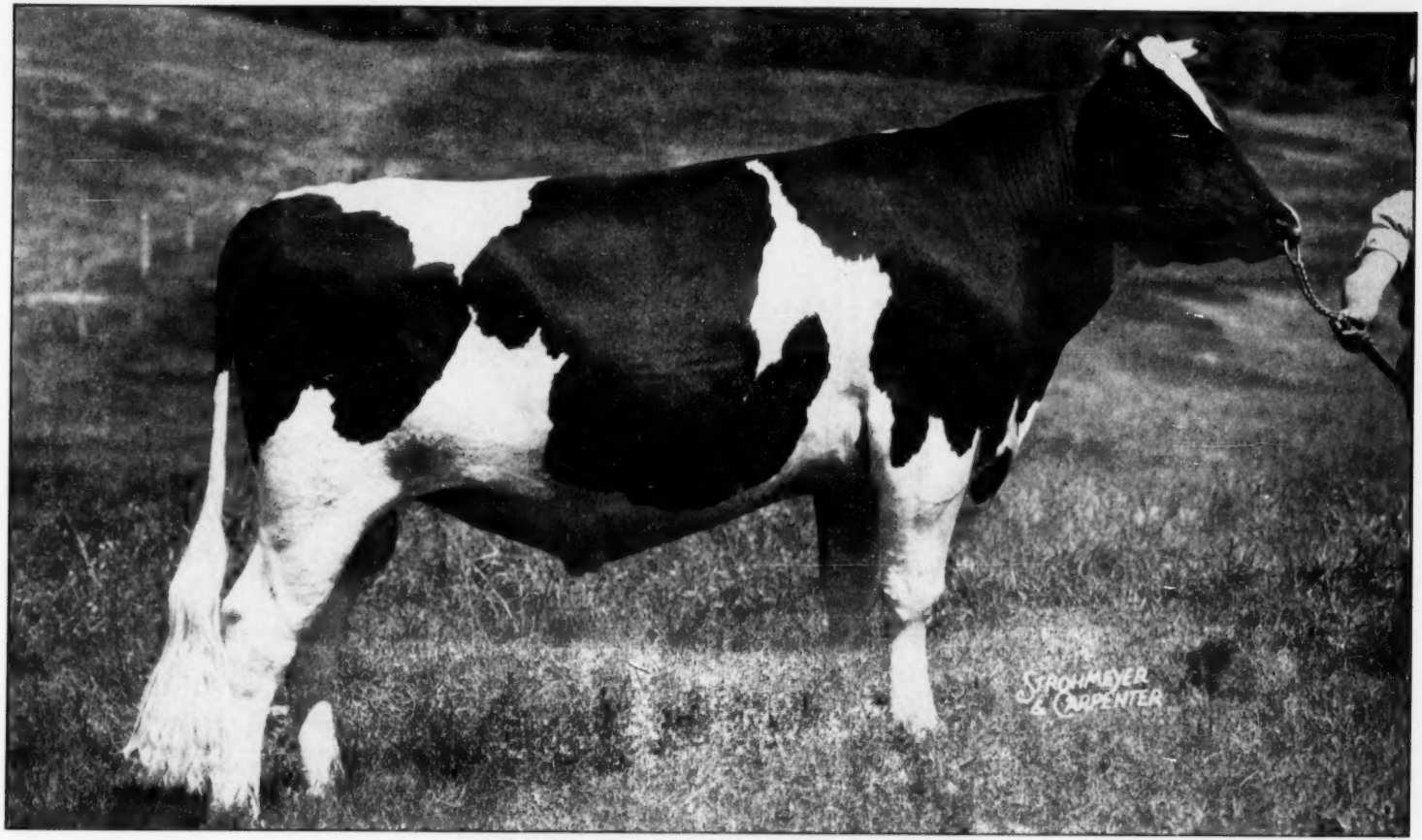
Her three nearest dams average 868 of fat. Two of these dams are over the 100,000-pound mark.

Better give us a call on these two for we won't have them long.

Acc. and App. 10th yr. in HIR **KELCO FARM** **ARLING COBB & SON**

WHITESVILLE, N. Y.

'Phone Greenwood, N. Y., 27



CRESTON RAG APPLE KING 936464

JUNIOR HERD SIRE

Son of Dunloggin Mistress Queen (21775 Milk — 858.5 Fat) and Montvic Rag Apple Chief (Gold Medal)

THE HEDGE — Pine Plains, New York

FERNBROOK FARM

One of Our Foundation Females

INKA ORMSBY VILLETTE
2410359

In addition to making good records for us, Villette has been first prize different years at the Rhinebeck Fair — by herself and with her full sister (also in our herd) as a produce.
She, her full sister, a half-sister, and their offspring form a valuable part of our herd.

Carl H. Swenson, Jr.

Wappingers Falls, New York
HIR and DHIA TESTING
ACCREDITED — VACCINATED — APPROVED

You, Too, Can Breed Heifers Like This

NOCKDAIR MAXIMUM JEAN 2920575
First prize junior heifer calf at Waukesha Dairy Show, 1948.
A Daughter of MAXIMUM.

By Mating Your Best Cows Artificially
to
CARNATION MADCAP MAXIMUM

Here is a sample of the type Maximum is siring. In the herds around Watertown, where his semen has been used can be found many beautiful heifers like this one—not all blue ribbon winners at big shows, of course, but the general average of the type is really high.

We expect great production from them, too, not only because they look "milky" as youngsters, but also because he is backed by—

THE WORLD'S RECORD AVERAGE
For His 7 Nearest Dams
29946 M. 3.8% 1128.9 F.

HIS SEMEN IS AVAILABLE—ALSO A FEW SONS

Address Inquiries to PIPER BROS., Watertown, Wis.

THE WATERTOWN BULL CLUB

MELVIN WEIHERT, Watertown; FRANCIS DARCEY, Watertown; HENRY MULBERGER, Watertown; PIPER BROS. FARMS, Watertown; W. L. BAIRD, Waukesha.

Eastern New York Dispersal

Saturday 12 NOON May 14

When SHANGRI-LA FARMS Sells Their Entire Milking Herd of

52 REGISTERED HOLSTEINS

HEALTH: **T.B. Accredited, negative to blood test, every animal calfhood vaccinated, examined for pregnancy, and mastitis tested.**

LOCATION: Sale at the farm between ANCRAM and WEST COPAKE, Columbia Co., N. Y. Coming from Hudson, take Route 82 to **Ancram** and follow signs. From **Copake,** go 5 miles to West Copake on Ancram Road and watch for signs. 10 miles from **Pine Plains.**

PRODUCTION FACTS: CTA or OFFICIAL HIR production records for 12 years. 500,000 lbs. of milk were sold last year to the shipping station which makes the average yield 10,000 lbs. per cow. Consistently the highest testing dairy of its size at Hillsdale Creamery—never below 3.5% and up to 3.8%. Several over 500 lbs. fat, many above 400 lbs. fat. Every female raised on the farm.

REASON FOR SALE: Entire milking herd is being sold because of pasture shortage and also to make room for the 65 head of young cattle.

CLASSIFIED: All over 2 years of age officially classified with a score on 46 head of 82.3 points. Exceptionally nice udders.

AGES: The ages are good. 35 first, second, third, and fourth calf.

BLOOD LINES: It's an ORMSBY-POSCH bred Herd.

SELLING: 26 Daughters of FEMCO SIR PRIDE FOBES, a highly proven sire, bred in the famous Femco Farms herd of Minnesota.

HIS SON SELLS

COMMANDER POSCH

THIS GREAT HERD SIRE SELLS:

ALFALFALAND OMA COMMANDER POSCH (VERY GOOD)

Officially classified Very Good, he is by the famous COMMANDER POSCH and he is a maternal brother to the best uddered cow at 1948 New York State Fair. His 651-lb. 4-year-old dam is a maternal sister to the 900-lb. fat cow that was twice Grand Champion at the New York State Fair, BETTINA PRILLY POSCH.

He also has 13 daughters selling and a yearling son from a 4% good record dam.

This is a beautiful herd in nice condition, nearly all due for fall freshening.

AND MANY BRED TO A GRANDSON OF BOTH MONTVIC LOCHINVAR AND MONTVIC RAG APPLE SOVEREIGN.

HERE IS THE FINAL PROOF

that this is a marvelous, profitable producing herd.

Right now the 50 milking cows on 2X are making 2300 lbs. of milk and nearly all of them are due to freshen again in the fall. Figure this out and you will readily appreciate that the production is sensational.

DECIDE NOW TO ATTEND AND BUY. THERE ARE MANY SELLING TO PLEASE THE MOST CRITICAL.

R. AUSTIN BACKUS
Sales Mgr. & Auctioneer
Mexico, New York

M. D. SAFANIE, Owner
Ancram, N. Y.
J. R. Winfield, Supt.

Presidents of the Five Breed Associations Agree

Support ADA in June

ELBERT S. BRIGHAM
President American Jersey Cattle Club

"Today more than ever the Dairy Industry needs ADA advertising, merchandising, research, to keep pace with competitors and with soaring population."

OWEN D. YOUNG
President Holstein-Friesian Association of America

"If the industry is to be secure tomorrow, now is the time to build. The American Dairy Association program helps build dairying."

R. L. LOREE
President American Guernsey Cattle Club and Golden Guernsey, Inc.

"Through ADA we get promotion for Milk, Cream, Butter, Cheese, Ice Cream, and all products. Every promotion helps build dairy markets."

PAUL B. BENNETCH
President Brown Swiss Cattle Breeders Association

"ADA has grown as an industry-wide program because it has gained business results for dairymen through sales results for the dairy industry and its products."

C. M. RODRIGUEZ
President Ayrshire Breeders Association

"We have in ADA a producer-financed, producer-controlled program to build dairy markets. ADA merits 100% support by all the industry and producers."

ACT with ADA in JUNE

Now is the time. The dairy industry—producers—your breed associations are agreed that the American Dairy Association program is vital to the future of your dairy business. The ADA advertising set-aside of one cent a pound butterfat (or its milk equivalent) marketed in June, builds year 'round business action for greater sales. Give ADA 100% support.

AMERICAN DAIRY ASSOCIATION

20 N. Wacker Drive Bldg., Chicago 6, Illinois

"Voice of the Dairy Farmer"

SKOKIE PRINCE SENATOR 1038812

Comes to BELLWOOD FARMS

Top Bull at the Recent Illinois State Sale

This flashy year-old calf is sired by Dunloggin Lochinvar Prince, Elmwood's popular son of Lochinvar and "La Princess." His dam, Senator Bessie Nan, a daughter of King Bessie Senator, made 647 lbs. fat from 18231 lbs. milk at 2 years; and 774.6 lbs. fat. 3.9% test as a senior 3-yr.-old on 3X (2nd on the 1943 Honor List). The next dam is a 767-lb. daughter of King Bessie from one of the great transmitting cows in the old Elmwood herd, the 994-lb. De Kol Aaggie Ormsby Burke (whose son by "Senator" headed the noted Biddle herd in Ohio).

We are confident Skokie Prince Senator will add further to the distinctive heritage of good type and high production of our . . .

PROFITABLE HAZELBELL HOLSTEINS

We expect Skokie Prince Senator to help us continue the improvement of the HAZELBELL NINA family which was developed on these farms—now comprizing 18 females, all but one of which is doing a splendid job at the milk pail, with better than 500 lbs. each as mature cows and close to that mark as first-calf heifers. He will also be used on 9 other cows with records surpassing 500 lbs., and on their daughters.

HERBERT E. BELL
Owner

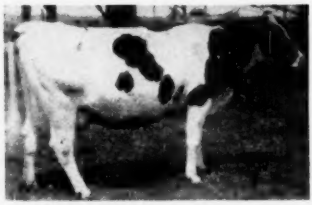
BELLWOOD FARMS

DAVID E. BENT
Manager

"Home of Hazelbell Holsteins"

BARRINGTON, ILLINOIS — (Phone 101M2)

Another of Our Homestead Cows



MARTYHOLM BEAUTY QUEEN
(Very Good at 2 years)

Fat 3y 5m 365d	592.9
Milk 2X (AR) 3.8%	15493.0
(12th on 1948 Honor List)	
Fat 2y 2X (DHIA)	514.5

Write for information on our Homestead bull calves—visitors always welcome.

This one is sired by Oostie Premier King and she traces 10 times to North Star Joe Homestead.

She was classified Very Good as a two-year-old and her yearling daughter sold for $1000 in the 1947 National Sale.

It is from such cows as these that we offer sons of

Carnation Celebrity

son of Governor from the full sister to Renown and of **Carnation Homestead Highboy** son of Revelation, from Carn. Heilo Treasure Island. 1st on 1948 Honor List for 305 days.

NORTH STAR JOE HOMESTEAD

CHRISTOPH FARMS

CHILTON, WISCONSIN

PROGRESSIVE BREEDERS' REGISTRY

October 1, 1947 to September 30, 1948

E. Page Allison, West Chester, Pa. (1)
R. H. Andrews, Faribault, Minn. (3)
Paul E. Barikknecht, Rice, Lake, Wis. (1)
W. H. Barritt & Sons, Barron, Wis. (6)
W. C. & Paul W. Baumgartner, Monticello, Wis. (2)
N. P. Becker, Almena, Wis. (4)
Benton Farm, Blairstown, N. J. (4)
Edwin J. Beuchel, Sheboygan, Wis. (1)
Bouic Brothers, Marysville, Ohio (2)
C. E. Braden, Sheldon, Ill. (1)
Harold T. Burdick, Hillsdale, Wis. (5)
Maynard Burns, Rogersville, Mo. (3)
Chippewa County Asylum, Chippewa Falls, Wis. (2)
Clyde Hill Farms, Clyde, Mo. (7)
Marvin L. Cook, East Sparta, Ohio (1)
Albert B. Craig, Sewickley, Pa. (4)
William M. Curtis & Son, Mauston, Wis. (2)
J. Fred Davison, Chambersburg, Pa. (1)
Denver Farm, Henderson, Colo. (3)
Edith L. Dilorth, Lakeville, Conn. (3)
H. O. Elmer, Monticello, Wis. (1)
R. L. Evans, Hutchinson, Kans. (6)
A. J. Glover, Fort Atkinson, Wis. (2)
Martin Gunnulson, Cambridge, Wis. (1)
A. S. Hallock, Laceyville, Pa. (3)
Harry F. Hansman & Kenneth W. Brehm, Knapp, Wis. (2)
Arthur B. Hanson, Baldwin, Wis. (1)
Joseph A. Hanson, Chetek, Wis. (4)
Arthur Hartman, Barnard, Mo. (2)
Karl S. Hartshorn, Lebanon, N. Y. (3)
Hollins College, Hollins College, Pa. (1)
James K. Howe & Sons, Tunbridge, Vt. (2)
D. W. Huenink, Cedar Grove, Wis. (4)
Ira D. Ifert, Middletown, Md. (1)
Ionia State Hospital, Ionia, Mich. (10)
E. G. Klooz & Sons, Sullivan, Ohio (2)
Elmer Krull, Lakemills, Wis. (2)
R. DeWitt Mallary, Bradford, Vt. (2)
Daniel I. Mayne, Rochester, N. Y. (2)
Oakwynd Farms, Temperance, Mich. (1)
Ohio State University, Columbus, Ohio (5)
Pennsylvania State College, State College, Pa. (4)
James W. C. Pogue, Exeter, Calif. (2)
W. F. Poorman, Des Moines, Iowa (1)
Stanley Pulver, Millerton, N. Y. (1)
Edward C. Rahmlow, Appleton, Wis. (1)
E. B. Regier, Whitewater, Kans. (2)
Frank G. Remsberg, Middletown, Md. (2)
Henry Richter, Union Grove, Wis. (1)
Norman E. Rishel, York, Pa. (2)
David J. Roberts, Sauquoit, N. Y. (1)
Mrs. Ruth Rogers, Big Rapids, Mich. (4)
John W. Rufi, Monroe, Wis. (3)
A. R. Schutz, Dallas, Wis. (2)
M. A. Shultz & Son, Pretty Prairie, Kans. (2)
Elton L. Smith & Sons, Dodge Center, Minn. (3)
State School & Home, Redfield, S. Dak. (2)
Edwin Steiner, Massillon, Ohio (5)
J. W. & M. A. Taylor, Visalia, Calif. (2)
University of Idaho, Moscow, Idaho (9)
University of New Hampshire, Durham, N. H. (4)
Peter P. Van Nuys, Belle Mead, N. J. (2)
Virginia Polytechnic Institute, Blacksburg, Va. (2)
McKendree Walker, Gaithersburg, Md. (3)
West Virginia University, Morgantown, W. Va. (2)
J. H. Wilson & Sons, Clinton, Pa. (5)
Ernest M. Wright, Waterloo, Iowa (2)
Jake Zarnowski, Newton, Kans. (4)

(Figures in parenthesis indicate number of years qualified.)

Three New Gold Medal Sires

(Continued from page 25)

bred and developed at Neale Farms. He is still the senior sire at this establishment where two of his sons are also in service. A maternal brother and a full brother to the "Superb" bull have also been in service in the Neale herd. A daughter was first two-year-old at the 1949 Tulsa show and a son was nominated for All-American two year old bull, 1948.

DAUGHTERS OF GM SIRE

The accompanying pictures are three daughters of the 102d Gold Medal Sire, Pabst Cascader Pride 2d. They were all bred and developed in the Northwood herd of Goodman Brothers, Wonemac, Wisc. Their sire represents the third direct generation of Gold Medal Sires and there are two more Gold Medal sires back of his maternal granddam.

Following his service in the Northwood herd, Pabst Cascader Pride 2d went to Michigan where he was in service in the MAC herd and in the Michigan Artificial Breeders' Cooperative.

NORTHWOOD DORIS CASCADER (V.G.)
HIR record—3y—401.7F. 11,347M. In 290d. Goodman Brothers, Wonemac, Wisc.

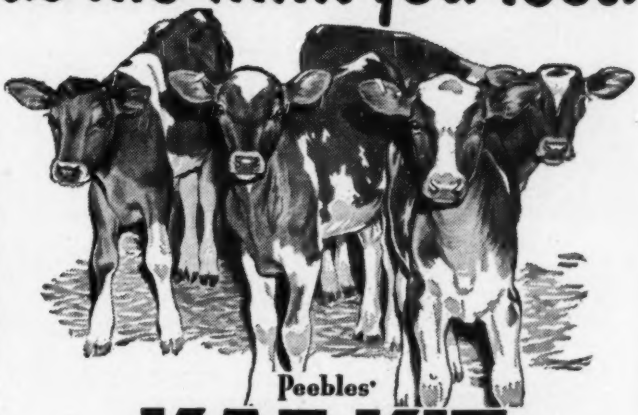
NORTHWOOD QUEEN CASCADER
510.8F. 13,070M. at 2 yrs. Goodman Brothers, Wonemac, Wisc.

NORTHWOOD SUE CASCADER
504.6F. 14,301M. at 3y. Goodman Brothers, Wonemac, Wisc.

MINNESOTA HIR AVERAGES

Herds in the Gopher state that have had HIR averages reported recently are: Clifford Ruble & Sons, Albert Lea—24 cows—504 pounds of fat and 13,902 pounds of milk; R. H. Andrews, Faribault—15 cows—493 pounds of fat and 12,923 pounds of milk with an average test of 3.8%; Mr. and Mrs. Reuben Schwert, Faribault—7 cows averaged 472 pounds of fat and 12,936 pounds of milk. All of these averages were made on 2X milking.

Costs Half as Much as the Milk you feed



Peebles'

KAF•KIT

the New Milk Replacement for Calves

Now you can save practically all of the milk you're feeding—200 to 500 lbs. or more of milk per calf. KAF-KIT is a *real milk food*. Over 98% milk serum solids, including milk minerals, milk sugar, and milk protein—the most valuable protein known for calves. It provides other milk factors vital to growth. And it's fortified with *guaranteed* available amounts of Vitamins A, D, and Riboflavin.

Builds Big, Strong, Sturdy Heifers — KAF-KIT has been proven on more than 1,000 dairy calves. Comparisons show that at 6 weeks calves raised on KAF-KIT are as heavy or heavier than calves raised on a milk feeding program. KAF-KIT provides ALL the milk nutrients needed to raise thrifty, healthy calves with milk-fed "bloom" and vitality.

One 42-lb. Kit Replaces 336 lbs. of milk — It's easy to raise a calf on KAF-KIT. Mix it with warm water as directed. Feed with whole milk for only a limited time. One 42-lb. kit will raise a calf to 6 weeks. From then on KAF-KIT may be fed dry.

See Your KAF-KIT Dealer Now—Start saving milk now! Get a kit of KAF-KIT from your nearest dealer. Try it. See how it produces the finest calves you've ever had at less cost than ever before. A kit for each calf makes a better cow.

AVAILABLE IN DRUMS OR BAGS

Peebles'

KAF-KIT

The new milk replacement for calves

98% MILK SERUM SOLIDS
plus guaranteed available amounts of vitamins A, D, and Riboflavin

WESTERN CONDENSING CO.
Appleton, Wisconsin • San Francisco, Wisconsin
World's Largest Producer of Whey Products

840-Lb. Fat Bull

RAWLEIGH RINGMASTER PRIDE

A typy calf with splendid backing. His 11 nearest yearly tested dams ave. 840.9 F., 21884 M., (3X-3.84%).

CARNATION IMPERIAL RINGMASTER

The sire, is a son of **Carn. Gov. Imperial,** twice All-American Aged Bull, with daughters up to 1076 F., grandson of **Governor of Carnation** with daughters up to 1333 F.

Dam of the calf, a splendid cow, granddaughter of **King Bessie Ormsby Pride,** former All-Time All-American Senior Yearling, with daughters up to 795 F. Her dam has records up to 776 F., 19985 M., 3.9%.

Herd is accredited and negative. Usual guarantees. An excellent herd sire prospect.

THE W. T. RAWLEIGH CO.,

FREEPORT, ILLINOIS

Good Herds

Are the Result of

Good Sires

Our foundation herd today is the result of a long succession of good sires — good enough to make our MOONLIT DALE herd widely known in the Holstein industry.

Ten years ago we were busily concentrating the blood of Sir Bess Ormsby Fobes.

Today —

We are just as busily concentrating the blood of another great Ormsby sire, Wisconsin Admiral Burke Lad, in combination with the good proven "Sir Bess" families in our herd.

"Dictator" (our "Burke" son)—and "Dean", our "Roamer" son, both Pabst-bred, are both from a great MOONLIT DALE foundation family in their herd.

We invite you to investigate this "Jess" family in our herd before you buy your next herd sire.

Moonlit Dale Farms

ARCHIE SCHURZ

Bridgeport, Wisconsin

John Stumpf Dispersal

Catalog Summary

43 Females 2 yrs. and over (5 calves under 3 mos a. w. d.)	$22,840	$531.16
6 Bred Yearlings	2,260	376.67
12 Open Yearlings	4,010	334.16
18 Heifer Calves over 3 mos.	5,225	290.28
4 Bulls over 3 mos.	2,155	538.75
83	$37,815	$455.60

The John Stumpf Dispersal, held Mar. 22, at Lancaster, Pa., offered one of those rare opportunities to breeders to put their own price on a herd carefully selected and successfully proven for type, test and production. Appreciative Pa. buyers were usually on the last bid when the hammer slammed down, although several head went to Maryland, New Jersey and Virginia. The foundation for this herd had been chosen with great care from some of the well known dispersals during the past few years.

Top price of $1500 was paid by Theodore Files, Lancaster, Pa., for Cedar Isle Lady Josephine, a 4.2% 6-year-old Man-O-War Pabst Rag Apple daughter from a dam with five 2X records from 455 to 615 lbs. fat averaging better than 4%. Mr. Files was also the purchaser of Red Rose Winterthur Mistress Meg at $1200. Mistress Meg is a granddaughter of Fobes 14th, being by the proved Ormsby Fobes Winterthur. She herself has a 4.2% record in 365 days of 567 lbs. fat from 13,143 lbs. milk. She was bred November 5th to Lauxmont Golden Cross. Altogether Mr. Files was last bidder on a dozen animals—ten of them at $500 or over.

Mr. H. R. Swavly, Pottstown, Pa., purchased the senior herd sire, Osborndale Sir Raymond Lochinvar, for $1,225. This bull is a Lochinvar son from a 712-lb. 4% 4½-year-old daughter of Osborndale Sir Johanna Rag Apple. He was born January 4, 1946.

Mr. Frank Kendig, Lancaster, Pa., purchased eleven head including two in the four-figure bracket—Lauxmont L Adell and Lauxmont L S Rosa, at $1,000 each. Each of these is a Lauxmaster daughter, the former a 4.1% 478-lb. 2-year-old from an Admiral Lauxmont dam and the latter from a Safemaster dam.

R. Austin Backus, Mexico, N. Y., managed and sold the successful event.

Buyers follow:

Theodore Files, Lancaster, Pa. (12)
Cedar Isle Lady Josephine (2-9-43) $1500
Red Rose Winterthur Mistress Meg (5-30-43) 1200
Lauxmont Rose Marie (3-14-46) . 900
Lauxmont L Guilder (3-9-45) ... 800
Stricklerdale Segis Ormsby Piebe (2-4-42) 800
Lauxmont L Belle Ann (4-12-45) . 700
Lauxmont Rose Rosa (12-6-46) 700
Stumpf Acres L G C Dell (12-1-47) 700
Female (11-25-48) 500
Female (12-14-48) 500

H. R. Swavly, Pottstown, Pa.
(M) Osborndale Sir Raymond Lochinvar (1-4-46) 1225

Frank Kendig, Lancaster, Pa. (11)
Lauxmont L Adell (3-21-44) 1000
Lauxmont L S Rosa (4-19-44) 1000
Stricklerdale Imperial Helen Ona (2-11-44) 800
Musselome Man-O-War Mary (5-14-42) 800

(Continued on page 104)

MISTRESS QUEEN At 14 Years

HER SON, CRESTON GRAND MAJESTY IS THE HEAD OF OUR HERD.

"Mistress Queen" is classified Excellent, she was the top female at the Dunloggin Disp., at $10,100, Hon. Mention All-American 3-year-old 1938, and has 858 of fat, 3.9%.

Montvic Bonheur Pietje B. the paternal granddam of "Grand Majesty" is also Excellent, reserve All-Time, All American 4-year-old, with 964 of fat, 5%, Michigan State fat record.

"Grand Majesty" calves now arriving and they are straight in the top — deep-bodied.

MAYER FARMS

Christ A. Mayer & Sons

SLINGER, WISCONSIN

Another...

WISCONSIN BREEDERS' SALE

Tuesday, May 24

in the

Sales Pavilion

Watertown, Wisconsin

★

75 MORE

of the Good, Reliable Registered Holsteins You Have Come to Expect at Watertown

Cows — Yearling Bulls — Heifers — Calves

(Including a number of top calf-club prospects by Carnation Madcap Maximum).

We're selling the quality of animals that encourage cow buyers to return to this series of Watertown Sales —and they DO return.

Among the consignors are: Albrecht Bros, Camp McKinley Farm, Piper Bros., Walter Lange, Clyman Farms, Sprechers, Albert Brandt, Curtiss Candy Co., Oscar Rennebohm, Weiland and Baird Bros. See us in WATERTOWN—MAY 24.

Baird and Darcey

WAUKESHA and WATERTOWN, WISCONSIN

OUR SENIOR HERD SIRE

GOVERNOR DAWN ARTHUR 790009
"Very Good"

His HIR Proving:			
10 Dtrs.	13380 M.	3.88%	519 F.
6 Dtrs.	13280 M.	3.77%	501 F.
6 Dams	11330 M.	3.23%	366 F.
Increase:	1950 M.	.54%	135 F.
His DHIA Proving:			
5 Dtrs.	15925 M.	4.3%	677 F.
5 Dams	12093 M.	3.5%	427 F.
Increase	3832 M.	.8%	250 F.

TWO full brothers proven in DHIA:
Governor Ace Segis 833250 (+118 F)
Governor Dawn Actor 811487 (+101 F.
Sire: Rose Hill Emperor Governor.
Dam: Dawn Agnes Triune Segis (VG)

KAM LAKE FARM

GILMAN, ILLINOIS

Dr. Karl A. Meyer Owner — **Rob't. Meyer** Manager — **Al Penzenstadler** Herdsman

ELM GROVE IMPERIAL MAY (VG)
At 2y 365d 2X 516 Lbs. Fat 3.7% Test

She is sired by Carnation Heilo Imperial (VG) and out of Zelda Fayne Kyte (GP) with HIR records at 2½y, 2X, 490.8 fat, 3.7%; and at 3½y, 2X, 555.6 fat, 4.2%.

This beautiful young cow was purchased by us in the 2nd Annual Mid-Westerner Sale in 1948. Being a paternal granddaughter of Carnation Governor Imperial we felt she would give our herd a strong outcross with our Ormsby-Burke-Fobes breeding.

She now has 300 lbs. fat, 8235 lbs. milk in the first 148 days of this lactation (HIR-2X) and should finish well over 500 lbs. fat. She has been mated to our son of "Roamer." Her calf, if a son, will be available to head some progressive dairyman's herd.

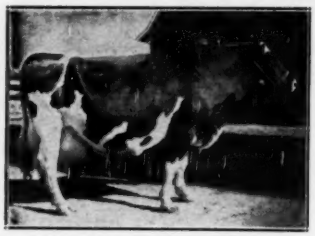
This summer, when you visit BOYS TOWN, include our fine herd of Holsteins in your visit.

VISITORS ALWAYS WELCOME

Father Flanagan's Boys' Home
Boys Town, Nebraska

T.B. TESTED — CALFHOOD VACCINATED
Bob Steffen, Mgr. — **Dunne Henry, Herdsman**

Roxie's — Production & Reproduction



—HAS OVER 3600 LBS. FAT (2X) TO DATE WITH A HIGH YEAR OF 625.4 LBS.
WILL COMPLETE HER SEVENTH LACTATION IN DECEMBER. THE "ROXIES" HAVE CALVED 17 TIMES TO DATE — 13 FEMALES — 4 MALES.

MOUNT RIGA ADVOCATOR ROXIE (EX)

A son—Da-Co-Ton Advocator—proved here, a plus 47 lbs. fat on 474 lbs. fat dams, 5 pairs. 8 daughters average 507 fat, 305 ds., 2X, mature basis.

A son, Da-Co-Ton Oklahoma (VG), (by Advocator from Roxie) senior herd sire.

A daughter—Miniver (VG), (full sister to Advocator) has 524.9 fat as a 3-yr.-old, should exceed 500 lbs. again this year.

A daughter, Lady Aster (GP), just completed a junior 2-year-old record of 587.5 lbs. fat (again fresh with her second heifer calf).

A daughter—Martha Ostenso, a yearling.

A daughter—Lady Ashley, a heifer calf.

A granddaughter—Fair Lady (by Advocator) just completed a junior 3-year-old record of 565.7 lbs. fat (314 days), fresh again within the year.

Da-Co-Ton Farms

25 Head — 85.5 Points.

R. L. Cotton & Son **Parker, S. D.**

ANOTHER OF OUR HOLSTEIN BULLS COMES THRU WITH A GOOD PROVING

Sir Tritomia Transmitter 886174 (H-36)

OFFICIAL BUREAU OF DAIRY INDUSTRY PROVING

9 daus.	14,910	3.7%	545F
5 daus.	14,783	3.7%	540F
5 dams	13,245	3.7%	484F
Increase	1,538	.0%	56F

SIR TRITOMIA TRANSMITTER

He is known as **"Babe"** and is a son of the Gold Medal Sire, **Sunbeam Pride Transmitter** and out of the grand old Stewart cow, **Babe Tritomia Beets.**

Babe comes to Eastern Iowa from the Art Johnson, Rockcrest herd, Elkader where **"Babe's"** first 4 daughters averaged 85% on classification. More **"Babe"** daughters are now on test in the Johnson herd and will be classified soon.

We have 7 Plus Proven Holstein bulls in service. Their provings show 60 dau-dam comparisons with the daus. averaging 73 lbs. of fat more than their dams with 402 lbs. fat. The 60 daus. average 475 lbs. fat. In 1948, 94% of the Holstein services were to Plus Proven Holstein bulls.

EASTERN IOWA ARTIFICIAL BREEDING ASSOCIATION, INC.

CEDAR RAPIDS, IOWA

ILLINOIS 500-POUND CLUB

Black and Whites were prominent in the 1948 Illinois 500-pound Butterfat Cow Club, the ten highest records being made by Holsteins. Of the 450 cows that met the requirements, 266 were either purebred or grade Holsteins.

The Rawleigh Farms cow, Rawleigh Della Buttercup with 1033.7 pounds of fat was first. (Her record was reported in the March 5 issue of the WORLD—her official figures 1038.5 pounds of fat from 30,403 pounds of milk, a new state record for milk). Ralph Muller of Washington has a purebred Holstein that placed second with a production of 24,420 pounds of milk and 976.4 pounds of fat, the highest record made on 2X milking.

Mooseheart Farms was third with an 821 pound fat record and also ninth with a 700 pound cow. Rawleigh Farms came in fourth with a 765 pound cow and the Illinois Masonic Home in fifth place with a 738 pound fat cow. Rolling Woods Farm, Elgin had sixth, seventh and eighth places.

Among the repeaters, A. E. Bodman, Bement, has a cow that has made six consecutive records in the 500-pound club; one of them over 900 and two others over 800 pounds; Walk Brothers, Neoga, have a cow that has made six consecutive records over 500 pounds; and one of the Clanyard Farms entries from Huntley has four consecutive records over 500 of fat.

5th WARSAW HOLSTEIN SALE

Catalog Summary

58 Females 2 yrs. and over	$24,465	$421.81
(15 calves under 3 mos. s. w. d.	1,010	67.33
2 Bred Yearlings	560	280.00
3 Open Yearlings	530	176.67
8 Bulls over 3 mos.	2,270	283.75
71	$28,835	$406.13

A very good crowd of buyers attended the 5th Warsaw Holstein Holstein Sale at Warsaw, Ind., on March 19th. Of the 71 head the majority stayed in Indiana but six went to Michigan, three to Arkansas, and three to Illinois.

The sale was managed by Leland J. Osborn, Warsaw. Auctioneers were C. B. Smith, Harry Bridge, George A. Ness, Jr., and Mr. Osborn. Herb Miller read pedigrees. Lunch was served by the ladies of the Kosciusko County Holstein Association.

Buyers follow:

Ed Riley, Indianapolis, Ind. (9)
Sweetholm Vide Vale 2d 12-21-43) $605
(Leland J. Osborn, Warsaw, Ind.)
Dr. A. Petrass, South Bend, Ind.
Oakhill Rag Apple Edna (11-8-44) 565
(Leland J. Osborn)
Dale Stayer, Columbia City, Ind. (4)
Zepp Admiral Ormsby Aaggie (8-3-46) 550
(Leland J. Osborn)
George I. Maxwell, Champaign, Ill. (3)
Hipdale Beauty Dominator (4-21-45) 535
(Leland J. Osborn)
Scholl & Tukolski, Mill Creek, Ind. (10)
Binalee Hartog Pabst (8-18-46) 525
(George Binks, West Lorne, Ont.)
Winona Korndyke Abbekerk (6-16-45) 520
(George Binks)
Logan Witt, Hartford, Mich.
Dora Perfection Monogram (1-30-44) 500
(George Binks)

Vern Taylor, Mendon, Mich. (5)
Binalee Rag Apple Maud (12-2-46) 500
(George Binks)
John Arden Goebel, Andrews, Ind. (3)
Sunbeam Abbekerk (7-15-45) 500
(George Binks)
Leonard Hibschman, Syracuse, Ind. (4)
Louise Pabst De Kol (10-20-42) .. 500
Graymar Jill Posch Chieftain
(1-21-42) 500
(George Binks)

Other buyers were: Lloyd Thomas, Walkerton; Lowell Tucker, Silver Lake; Lloyd Fruitt, Silver Lake; Mr. and Mrs. Louis Firestone, Syracuse; Harold Gawthrop, Etna Green; John Gardner, Syracuse; Harry Steinke, Walkerton; Emra Stookey, Leesburg; Galen M. Shock, No. Manchester; Dale McCune; Ross Miller, Muncie; Carl Martin, Wakarusa; Donald Morris, Claypool; Marburger Supply Co., Peru; H. A. Monhaut, Bremen; Orville Etnier, Royal Center; Mildred C. Ervin, Ft. Wayne; Robert Coble, Idaville; J. H. Carlile, Rochester; Floyd H. Cripe, Wakarusa; Ivo E. Chrystler, LaGrange; LeRoy Heckaman, Bourbon; John R. Hoesel, Kewanna; Edward Hesch & Sons, Wakarusa; Phillip E. Hasty, Columbia City; Arthur Hummer, Huntington; Merrill Brown, Claypool; Richard Bumgardner, Syracuse; I. W. Braillier, Warsaw; A. H. Reinhart & Son, Butler; Rex Parker, Silver Lake; Raymond O'Donnell, Andrews; Nelson J. Paul, Goshen, Ind.; and Charlie Smith, Bismark, Ark.

Statistical data furnished by Leland J. Osborn, Warsaw, Ind.

GRANT COUNTY HOLSTEIN BREEDERS SALE, BELMONT, WIS.

Catalog Summary

16 Females 2 yrs. and over	**$ 6,050**	**$378.13**
(8 calves under 3 mos. s. w. d.	**595**	**74.38**
2 Bred Yearlings	**635**	**317.50**
6 Open Yearlings	**1,370**	**228.33**
4 Heifer Calves over 3 mos.	**505**	**148.75**
10 Bulls over 3 mos.	**3,370**	**337.00**
38	**$12,615**	**$331.97**

The annual sale of the Grant County Holstein Breeders was held March 15th at the Sales Pavilion in Belmont Wisconsin. The sale committe included Lyle Carns, Burnell R. Edge and Tom Harvey; Bert Hendricks was auctioneer; Dick Pink and David Nauman acted as leadsmen; and Kieth Roesch was clerk.

Top of the sale at $520 was Jessie Inka Wisof, a 403-lb. 2-year-old consigned by Lester Booth, Cuba City, Wis. She was purchased by Carl Bruwn.

Buyers follow:

Carl Bruwn, Platteville, Wis.
Jessie Inka Wisof (11-23-45) ... $520
(Lester Booth, Cuba City, Wis.)
T. Horsfall, Bridgeport, Wis. (3)
Johanna Moncader Hello (5-25-43) 505
(Mike L. Novinskiel, Lancaster, Wis.)

Other buyers were: Jos. Donahoe, Darlington; Frederick Grimm, Highland; Clarence Grimn, Highland; Griswold Bros., Stitzer; Fritz Voigts & Sons, Platteville; Harlan McKinley, Fennimore; Martin & Graney, Belmont; Willard Flitch, Cassville; Howard A. Fromm, Shullsburg; Fairy Glen Dairy Farm, Shallsburg; Harry Rice, Platteville; Roy Ralph, Cuba City; Milton Lindholm, Mineral Point; Leahy & Wimmer, Hazel Green; Harvey Schult, Belmont; Don Tricker, Platteville; Leo Timmerman, Cuba City; Mike Novinskl, no address given; H. B. Borah, Lancaster; Gerge Booth, Cuba City; Colonial Dairy Farm, St. Nazianz; Victor Kwaliska, Cuba City; Milton Knebel, Belmont; Arthur Keene, Potosi; J. C. Henderson, no address given; Thomas Harvey, Hazel Green, Wis.; and Edward Berning, East Dubuque, Ill.

Statistical data furnished by Keith Roesch, Lancaster, Wis.

Before you give somebody a piece of your mind, be sure you can get by with what you have left.

Pieck Vacuum Blower

The Pieck Vacuum Blower supplements any kind of field chopper and fills a definite need. Through its great suction it unloads any vehicle, at the same time blowing the crops into the silo. Ordinary farm wagons with built up sides are driven close to the blower so that its crane is near the center of the load. After starting the blower which is powered by a medium tractor or special mounted motor (28HP) a man holding the section tube by its handle moves the tube over the chopped crops. The suction of the blower will unload a ton of material in about three to four minutes.

THE BLOWER

Has been tested on farms in the 1947 season and has proved very satisfactory. It is now ready for sale.

For particulars write to

Pieck VACUUM BLOWER, VALATIE, NEW YORK

DR. SPENCER'S
IMPROVED BULL TAMER

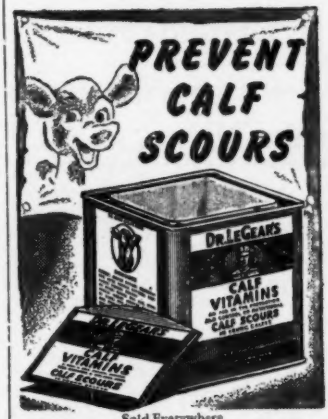
Guaranteed in barn, yard or pasture - horns or no horns.

Send for Free Literature

SPENCER BROS. INC.
DUNDEE, 35 NEW YORK

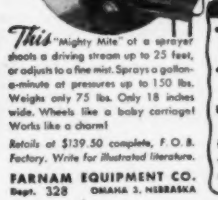
"KANT-KOM-OFF"
COW COVERS
PATENTED

Write for Illustrated Price List
R. LAACKE CO.
1825 W. Walnut Street
Milwaukee 5, Wisconsin



Sold Everywhere
DR. LEGEAR MEDICINE CO., St. Louis 16, Mo.

Farnam
PORT-A-SPRAY
World's LOWEST PRICED *"Portable"* POWER SPRAYER



This "Mighty Mite" of a sprayer shoots a driving stream up to 25 feet, or adjusts to a fine mist. Sprays a gallon-a-minute at pressures up to 150 lbs. Weighs only 75 lbs. Only 18 inches wide. Wheels like a baby carriage! Works like a charm!

Retails at $139.50 complete, F. O. B. Factory. Write for illustrated literature.

101 USES!
- **SPRAY** insecticides, fungicides, weed-killers, disinfectants
- **SPRAY** gardens, lawns, trees, shrubs, livestock, buildings

USE ALSO AS A *"Portable"*
- **FIRE FIGHTER**
- **WATER PUMP**
- **POWER PLANT**

FARNAM EQUIPMENT CO.
Dept. 328 OMAHA 3, NEBRASKA

"WORLD" Ads Sell for You

JOHN STUMPF DISPERSAL

(Continued from page 100)

Stricklerdale August Pat (2-19-47) 500
Stumpf Acres L G C Meg (6-30-48) 500
R. W. Basehore, Thompsontown, Pa. (2)
Lauxmont S C Contention (9-11-43) 515
D. R. Wilmerding, Downingtown, Pa. (2)
Stumpf Acres Posch Blossom (11-28-45) 505
Jonathan A. King, Jonnna, Pa.
Stricklerdale Imperial Inka Patsy (4-25-44) 500
C. M. Lesher, Chambersburg, Pa.
Stricklerdale Imperial Palmyra (12-31-43) 500
Harry L. Chronister, Hampton, Pa. (2)
Lauxmont L Vevie Homestead (12-23-45) 500

Other buyers were: Wayne Gabel, Honey Brook; H. M. Moore, Strasburg; Frank R. Mowery, Strasbury; Carrie E. Lesher, Chambersburg; H. Leroy Welk, Strasburg; M. L. Walsh, Philadelphia; Guy A. Snodgrass, Woodbine; Reigel Bros., Sinking Springs; Wm. A. Reid, Oxford; Chas. E. Fetterman, Barto; Herman Ford, West Grove; Emmanuel L. Fisher, Gordonville; Edward T. Eisenhooth, Dover; A. Irvin Hostetter, Hanover; L. J. Coryell, Malvern; Carl E. Bomberger, Lancaster; David R. Benner, Ronks; Stanley Hoffer, Lancaster, Pa.; John A. Michael, Parkton; Mrs. J. N. Umbarger, Bel Air; A. Doty Remsberg, Jefferson; Herbert G. Rickman, Mt. Cury; James D. Davis, Jr., Galena, Md.; Johnson Bros., Donald Johnson, Deerfield, N. J.; J. W. Eusten, and J. W. Eustace, Catlett, Va.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

FIFTY FAIRS SCHEDULED

Fifty-two agricultural societies will stage 50 county and town fairs in New York State this year, the Department of Agriculture and Markets announced.

This is the largest number of agricultural fairs to be scheduled in New York State since before the war. In 1940 the State saw 56 fairs in operation but the number declined rapidly to 29 in 1943 and now is seen as approaching a normal peacetime quota.

The fair season will get under way at Batavia and Owego on July 24. Last of the season on the circuit will be White Plains, Sept. 22 to 25. The American Institute of the City of New York has not yet decided on the dates of its fair, the Department of Agriculture and Markets was informed. Combined societies operate the Gouverneur and Schaghticoke fairs.

SPRINGTIME IN THE ROCKIES

March has been a very good month for us out here and the grass has really gotten a good start. Unless we have a unusual set-back, we should get along all right from here out. Hay is cheaper now than it was six weeks ago and it appears that there is ample to carry the dairy cattle through. The price of butterfat has declined a few cents, yet things are much brighter than they were a few weeks back.

—George B. Caine, Head
Dept. of Dairy Industry
Utah State Agr. College,
Logan, Utah.

Fire destroyed 29 head of cattle, along with the main dairy barn on West Wind Farm, Delanson, N. Y., April 8. Twelve head were rescued. This was the famous herd of red and white Holsteins established many years ago by Nelson Gage. Since the death of Mr. Gage eight years ago the farm and herd has been operated by his widow.

Three Bulls For Sale

All combining the blood of Carnation Ormsby Butter King and Femco Alma through her "Only Son." They have extra good type.

1. Out of Hoesly Sady Canary Fobes (VG) 404 fat, 4.3%, 2y, 2X, DHIA. An intense Hoesly-Homestead.

2. Out of a granddaughter of Carnation Peerless, who has 43 AR daughters, 10 from 803 to 1015 fat; and 5 AR sons. Dam starting well on test as a 2X 2-yr.-old, DHIA, with 74.4 fat, 4.1% in first 48d.

3. Out of Wisof Sensation Artis with a DHIA record at 2y, 2X, of 480 fat, 4.3%.

Dam of the sire of these is a VG daughter of Femco Almas Only Son with 401 fat at 2y, 2X.

Bargain prices on them all. Send for details.

Reinhard Maenke

Rt. 3 — Elk River, Minn.

For Sale

An Own Granddaughter of SUPREME RUBY ECHO (Excellent)
Life Record, 11 Lact., 2X 219,536 M. 7,624 F.

We offer for sale a June 1948 heifer, out of a daughter of Supreme Ruby Echo (see above) and sired by Sonniwilk Sovereign, famous $13,000 son of Sovereign.

The dam of the heifer is making a fine record — has 9342 lbs. of 4.3% milk in first 9 mos. on 2X.

The sire of the heifer is a grandson of Sovereign and Pioneer Lodge Dora Aaggie, with 185,000 lbs. in 10 lactations on 2X, second high for any living cow in Canada.

Dark in color, a promising individual, with Sovereign and Montvic Rag Apple Pietje on both sides.

PRICE $750.00

Delivered and Guaranteed

Douglas Hart

Woodstock, Ontario

Canada's Leading 100,000-lb. 2X Herd.

A Yearling Bull Ready For Heavy Service

Born July 20, 1947

Sired by Chief Ormsby Piebe Gerben 803690, whose DHIA daughters have from 469 to 626.6 lbs. fat, he by another DHIA proven sire and out of a dam with three DHIA records from 450 to 553.3 lbs. fat.

Dunloggin breeding on the dam's side, she a 503-lb. junior 3-yr.-old daughter of Dunloggin Master Pride, DHIA proven son of Woodmaster from a "Della" bred dam. 2nd direct dam has 426.5 fat.

Bred by Lynchburg State Colony, Colony, Va. Priced right . . . for further information please write or call:

Geo. W. Anderson

137-36th St. N. E.
Washington 19, D. C.
(Phone Victor 1021)

Cow Efficiency

Since the cow that produces 500-550 lbs. of fat and a calf each year under the environment of "just good farm feeds and care" is the back bone of any 400-lb. fat 2X herd we are of the opinion that a "good" bull to head a 400-lb. herd should have such a dam and that she should classify VG or better. We believe a "Superior" bull should have all 3 of his nearest dams such cows and that an "Ideal" bull should have such cows for his 7 nearest dams.

Why not plan to visit us on your way to or from San Francisco?

Ronald Ramsay Holstein Farm

(The home of Cow Efficiency)

SEWARD, NEBRASKA

PUCKRUM FARMS DISPERSAL

Catalog Summary

55 Females 2 yrs. and over	**$18,560**	**$337.45**
(18 calves under 3 mos. s. w. d.	**1,130**	**62.80**
3 Bred Yearlings	**865**	**288.33**
8 Open Yearlings	**1,035**	**129.38**
6 Heifer Calves over 3 mos.	**480**	**80.00**
2 Bulls over 3 mos.	**470**	**235.00**
74	**$22,540**	**$304.60**

Martin and Sylvia Poeltl, Troy, Pa., sold their herd at the Backus pavilion in Earlville, N. Y., on March 17th. R. Austin Backus, Mexico, N. Y., was sale manager and auctioneer.

Harlow Hadlock, Campbell, N. Y., and Harold W. Taylor, Wysox, Pa., were two of the largest buyers—each taking seven head, the former for a total of $2,520 and the latter for $2,290.

Four hundred seventy dollars was paid for Round Barn Carnation Inka Pledge, a good record 5-year-old by a Bert Butts bred sire, to top the sale. She was one of Mr. Taylor's purchases.

The buyers were: Harlow Hadlock, Campbell; Stanley H. Judd, DeRuyter; Henry J. Erickson, Morrisville; Peter Lampman, Vernon; E. B. Grover & Son, Afton; Clyde Clark, DeRuyter; C. S. Cook, Cazenovia; Ralph Conners, Knoxville; Walter S. Meade, Oxford; George A. Mummery, Vernon; Earl McVoy and Sons, LaFayette; Edward A. Smith, Chittenango; Donald H. Scott, Hampton; Arthur B. Smith, Chittenango; Frank Selinsky, Bouckville; Paul Smith, Newark Valley; Arthur Strong, West Winfield; Merrill Stone, Madison; John G. Smith & Sons, Jordanville; E. P. Smith, Sherburn; Asa G.fl & Letha D. Reader, Clinton; Raymond Rider, Davenport Center; Gus Ray, Canastota; Ernest C. Putnam, Holland Patent; Azaline Parker, Edmeston; Clifford E. Wade, Bainbridge; Robert Wilcox, Sherburne; A. B. Woodruff, Smyrna; Marcel Wagner, Bradford; John Weismuller, Stittville; Edward R. Withey, Skaneateles; Wm. E. Hoeppner, Port Crane; Cecil Harrad, Van Hornesville; C. Fay Benson, Groton; Carmen Deraway, Canastota; Russell Benson, Croton; Virgil Bristol, Parish; Wm. & Elva Boss, Oneida; R. Wendell & Virginia Burdick, De Ruyter; Wm. Beerhalter, Paris; Earl T. Brockway, Deansboro, N. Y.; and Harold W. Taylor, Wysox, Pa.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

The best fertilizer ever put on a farm is elbow grease.

Now! HERE'S THE NEW IMPROVED ISCOMIST COWBOMB

Contains METHOXYCHLOR, the *safe*, USDA-approved insecticide for fly and lice control on dairy cattle

No DDT! TAKES ONLY 30 SECONDS PER COW

Protects against

HORN FLIES • STABLE FLIES • HOUSE FLIES
BLACK FLIES • CATTLE LICE • MOSQUITOES

Repels

HORSE FLIES • DEER FLIES

INNIS, SPEIDEN & CO.
117 LIBERTY ST., NEW YORK 6
BOSTON CINCINNATI
CHICAGO GLOVERSVILLE
CLEVELAND PHILADELPHIA

Here's the modern, scientific way to control flies and lice on dairy cattle! Methoxychlor is safe and effective—microscopic particles coat hair and hide. Labor-saving method of application—open the valve and apply with paint sprayer motions. Economical—only a fraction of a cent per day per animal. Long-lasting—less washoff than with water sprays. Will not frighten or injure livestock. Can use in winter without chilling animal.

FREE! Descriptive Folder.
Write today—Insecticide Sales Division

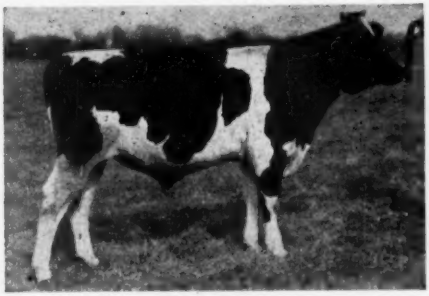
"Running out of salt cost a Madison County (Illinois) dairyman a can of milk a day worth about $3.50. He followed the practice of mixing salt with his grain ration. Since he did not have salt on hand when he ground feed last, he did not include it in the grain mixture. Within a few days his 15 Holstein cows dropped one ten-gallon can of milk a day. He then started hand feeding salt on top of each cow's grain ration at the rate of one pound of salt to one hundred pounds of grain. Within two days the herd was again producing at the original level."—Illinois DHIA Report—March, 1949.

Machold Sir Ollie Adantha Korndyke, a young bull advertised by Machold Farms, Ellisburg, in the last NEWS, has been sold to Stanford C. Bates, Adams, N. Y. This bull is highly thought of by Dyer Millard and leaves seventy heifers at Machold Farms.

Sire of the bull sold is the proved Dunloggin Master Adantha, and his dam is a 635-lb. 2X daughter of a proved River Meadows sire.

LaMotte P. Breese, Breese Farm Dairy, Elmira, N. Y., tells us that the young sire he advertised in the March NEWS has been sold to G. A. Turner & Sons and M. A. Roy of Horseheads, N. Y.

Introducing... **GOOD TYPE — HIGH PRODUCTION — HIGH TEST — GOLD MEDAL BREEDING All Combined in PABST BEACON!**



PABST BEACON
Our junior sire from the 1948 Top-of-the Crop . . . a 3-4 brother to "Signal."

SIRE: PABST REGAL (Excellent son of "Burke").
Sire All-American heifer calf 1947.
Sire Res. A. A. 2-year-old, 1948.

DAM: PABST BELMONT EYEBRIGHT (VG)
6y 3X 20791 M. 4% 817 F.

His calves are just arriving and should be seen to be appreciated. We have HIR dams making **500 to 980 fat on 2X**—and a few young bulls for sale. Farm is 2 miles south of Darien, Wis., ½ mile west of U. S. 14.

VERPANA FARM

Route 1 — Sharon, Wis.

Dr. and Mrs. J. M. A. Pape
Owners

Jim Chapman
Manager

For your Office...

THE NEW STANDARD HERD REGISTER
Ideal for the small herd. Contains 50 female blanks, 3 male blanks, service record sheets, etc. (size 11½ x 9 inches). Plastic bound, heavy pressboard cover; opens flat for easy writing.
Price $2.00

MASTER HERD REGISTER
A 3-ring loose-leaf binder of top quality (Fabrikoid, imitation leather). Waterproof. Will last a life-time. Sheets for 75 cows, 3 extra pedigree blanks, index, etc. Size 11½ x 9 inches.
Price $6.00
Extra blanks at $1.50 *per* 100; $1.00 *for* 50.

POCKET HERD REGISTER
A 2-ring binder of the same quality imitation leather as the "Master". 87 blanks for females; 10 for males; service record blanks, index. Size 5¼ x 8¼ inches.
Price $4.00
Extra blanks at $1.00 *per* 100; 75c *for* 50.

BARN BOOK
A handy book to hang on a nail in the barn. Space for 50 cows and several year's breeding records, etc. Bound in heavy cream-colored paper. An inexpensive but useful gift.
Price $ .50

Also certificate envelopes for filing registration and transfer blanks at $1.50 *per* 100; $1.00 *for* 50; 40c *per dozen. Milk Record Sheets for recording milk weights in the barn. Room for* 12 *cows for* 31 *days, 2X milking.* $1.00 *per dozen.*

For your Bookshelf...

COWPHILOSOPHY
By Mark H. Keeney. Now in the 3rd printing of the 2nd revised edition. A leader in the field of dairy publications. A text book for the breeder, written in cowman's language, and by a practical dairyman.
Price $3.00
(Canadian breeders should contact the HOLSTEIN-FRIESIAN JOURNAL, Canadian distributors, of Cowphilosophy).

FEEDS AND FEEDING (21st edition)
By F. B. Morrison. The bible of livestock feeders and the standard reference book of scientists. Contains 1200 papes, more than 300 illustrations, handsomely and substantially bound. (See review page 28, Nov. 6 issue of WORLD).
Price $7.00

PRINCIPLES OF VETERINARY SCIENCE
By Frederick Brown Hadley, D.V.M. This is the veterinary book we have been waiting to see. Part 1 is devoted to a study of Anatomy and Physiology of Animals, and Part 2 to Animal Diseases. A very complete discussion in language understandable to the layman. 4th edition, completely revised; 521 pages, illustrated.
Price $5.00

Prompt Delivery — Satisfaction Guaranteed

Order From

Holstein-Friesian World

Lacona, N. Y.

35th ANNIVERSARY SALE, WATERTOWN, WIS.

Catalog Summary

51 Females 2 yrs. Over	**$22,605**	**$443.24**
(18 calves under 3 mos. s. w. d.)	**1,755**	**97.50**
4 Bred Yearlings	**1,590**	**397.50**
5 Open Yearlings	**1,625**	**325.00**
13 Heifer Calves over 3 mos.	**3,675**	**282.69**
21 Bulls over 3 mos.	**6,980**	**332.38**
94	**$38,230**	**$406.70**

The feature of the Watertown section of the 35th Anniversary Sale, March 29, Watertown, Wis., was the dispersal of the Clarence Bubolz herd, of Watertown. His 38 animals brought an average of $462, made up largely of calves and heifers. They included the two top animals of the sale, both at $1000 prices. The herd sire, King Admiral Fobes Jule $(1000) was purchased by A. J. Frederich, Auburndale, Wis. John Hetts, Ft. Atkinson, paid $1000 for the top female, Fobes Colantha Jule, a yearling daughter of the herd sire out of a 611-lb. 2X Kieffer-bred dam—a real classy little prospect for the fall shows.

The heaviest purchaser was H. J. Wilson, Catlett, Va., who paid a total of $8725 for 20 head, including four from $520 to $690 (making a total of 41 head in the two-day sale for $18,000).

The buyers' list is as follows:

A. J. Frederick, Auburndale, Wis. (2)
(M) King Admiral Fobes Jule (3-46) $1000
(Kieffer, Bubolz & Medench, Auburndale, Wis.)
John Hetts, Ft. Atkinson, Wis. (4)
Fobes Colantha Jule (4-48) $1000
(Clarence Bubolz, Watertown, Wis.)
Elmwood Fobes Colantha Bess 2d (5—45) 500
(Clarence Bubolz)
H. J. Wilson, Catlett, Va. (20)
Burke Wis Roselle (1-45) 690
(Clarence Bubolz)
Woodhurst Fobes Jane (11-46) 605
(George Kieffer, Auburndale, Wis.)
Sprechlyn Lassie Pearl Ormsby)4-46) 525
(Christian L. Sprecher, Plain, Wis.)
Princess Fayne Homestead Pansy (2-47) 520
(George Kieffer, Auburndale, Wis.)
John W. Ruß, Monroe, Wis.
Mapleburn Burke Breeze (8-48) 640
(Clarence Bubolz)
A. Rhodee, Oconomowoc, Wis.
Sedgland Johanna Pride (1-45) 640
(Stanley Cole, Sedgland Farm, Hillpoint, Wis.)
Scott Meyer, Hannibal, Mo. (2)
Lyons Fobes Ormsby Jule (1-45) 600
(Clarence Bubolz)
George Stryker, Watertown, Ill.
Wis Fantasy (3-43) 590
(Clarence Bubolz)
Wiber Ehredt, Evansville, Wis.
Sedgland Diamond Queen 2d (1-44) 565
(Stanley Cole)
Howard N. Lehner, Oconto Falls, Wis. (4)
Julia Aristocrat Model (12-43) 510
(Clarence Bubolz)
O. G. McSchooler, Omro, Wis.
Wa Wa Beechwood Fobes Nina (1-42) 500
(Clarence Bubolz)

Other buyers were D. L. Cavey, Elkhorn; Arne Nielson, Hartland; John Sevick, Kewaunee; John Gevelinger, Mineral Point; Lloyd George, Brooklyn; D. L. Cavey, Elkhorn; Floyd Medich, Randolph; Clarence Trachte, Johnson Creek; Robert M. Tabat, Dousman; M. C. Tuttle and Sons, Evansville; Ervin Tesch, New London; S. J. Froelich, Sullivan; R. A. Zimmerman, Fond du Lac; Franklin Bros., Robert Franklin, Evansville; Ervin Wappler, Sullivan; F. H. Wegner, Ixonia; Edwin Krueger, Watertown; Arnold Kaun, Reedsburg; Elmer Krull, Lake Mills; Richard Bennett, Mineral Point; H. J. Beardsley, Darlington; James Hildebrand, Pickett; Glenn H. Hupel, Janesville; Huber Farms, Clinton; and Dr. B. I. Pippin, Richland Center, Wis.

Also Edwin Ogren, Batavia; Merle E. Gann, Nauvoo; La Vern Warford, Virgil; Robert H. Kemp, Mt. Morris; Walter Budde, Shannon; and S. H. Parks & Son, Watertown, Ill.; Russell George, Gold Medal Dairy Company, Evansville, Ind.; New Melleray Corp., Dubuque; Frances E. Winslow, Grindy Center, Iowa; and W. G. Booker, North Carolina.

Statistical data furnished by Baird & Darcey, Waukesha, Wisconsin.

WASHINGTON DHIA LEADERS

Steilacoom Yvonne Canary, owned by the Washington State Penitentiary at Walla Walla led all cows of the Evergreen state in DHIA for 1948 with a production of 1010.9 pounds of fat in 305 days. She is a member of the Penitentiary herd that averaged 445 fat for 92 head. She was bred by the Western State Hospital, Ft. Steilacoom, the herd that had third high cow in the state in Steilacoom Effie Perfection with 842 pounds of fat in 305 days. The hospital herd has an average production of 490 pounds of fat for 123 head.

The three high Holstein herds in the 1948 annual report of the Washington Dairy Herd Improvement association were the following: Burton Waugh, Burlington, 597.9 pounds of fat for 8.4 head; Sather Brothers, Silvana, 554.5 pounds of fat for 19.6 head and Albert Steffen & Son, Monroe, with 527.1 pounds of fat for 29.7 head.

NEW SIRE FOR N. J. CO-OP

The Burlington County Co-op. Breeding Association has bought Greenwood Rector 866148, a top proved Holstein bull for $2,000. He has been released to the Plainsboro Bull Association so that all Holstein owners in the southern half of the state (which of course includes Burlington County) can obtain the use of him.

This sire was formerly owned and proved by Owlhurst Farm, Medford, N. J. His 12 production-tested daughters averaged 14,077 pounds of milk and 510 pounds of fat on 2X. This is 1,631 pounds more milk and 64 pounds of fat than the average of their dams. Some of his progeny will be in the New Jersey Holstein sale which will be held in Trenton on May 11.

GREENWOOD RECTOR 866148
Well proved son of Dean of the Pearls from a daughter of Dunloggin Craftsman, recently purchased by the Burlington County, N. J. Co-op. Breeding Breeding Association and now in active artificial use by the Plainsboro Bull Association.

An Arizona hermit lives on onions—and we are strictly in favor of his remaining a hermit.

PAPEC
THE ALL-PURPOSE
ENSILAGE CUTTER

Row crop silage! Chopped hay! Grass silage! Chopped straw! They're all the same to a Papec Hay Chopper-Silo Filler. It handles all of them faster, easier and cheaper than any ordinary cutter.

The Papec man-saving finger feed roll is the answer. It handles whole hay and straw faster than ordinary cutters handle corn. And no one works at the feed table. Papec elevates without clogging, runs easier, lasts longer.

Ask your Papec dealer for NEW booklet on how to make better feed from all forage crops, or send name on margin of this ad. Papec Machine Co., Shortsville, N. Y.

FORAGE HARVESTERS • CROP BLOWERS
HAY CHOPPER-SILO FILLERS
HAY HARVESTERS • ENSILAGE CUTTERS
HAMMER MILLS • FEED MIXERS

DAISY *Cattle Markers*

DELIVERY ONE TO THREE DAYS POSTPAID

NO. 21—FOR NECK. Adjustable chain. Numbered both sides. $11.50 per doz.

NO. 17—FOR HORNS. Adjustable chain. $8.00 per doz.

NO. 25M—Marker Plates without chain. Key Ring Fasteners. $6.50 per doz.

NO. 38—DOUBLE PLATE NECK CHAIN. Upper portion strap; lower portion chain. $12.50 per dozen.

NO. 25—DOUBLE PLATE ALL CHAIN MARKER. Marker Plates SOLID BRASS, numbered both sides. Chain is brass plated. Weight, 1 lb. each.

Price: $14.50 per doz.

Sample mailed for $1.00. Write for folder.

GOLDEN ARROW FARMS
Dept. A Box 7 -H Huntington, Indiana

Acidity

I spilled some lemon on my dress; with faded spots it soon was rife, and that's what sourness does I guess, it takes the color out of life.

Carrot Oil Vitamin Conditioner for Dairy Feeds

Carrot Oil contains the active vitamin of carrots needed for healthy reproduction and sleek, glossy coats.

Carrot Oil contains pro-vitamin A, carotene, plus other carrot elements. It is used by breeders to increase fertility, to produce healthy calves, and to develop sleek, glossy coats.

Send Today for Free 16-Page Booklet on Carrot Oil Vitamins. Completely details function and uses of this great conditioner and describes 15 NRA feed concentrates offered. Every livestock breeder should have a copy.

NUTRITIONAL RESEARCH ASSOCIATES, INC.
Dept. S. South Whitley, Ind.

HALES & HUNTER CO.
141 W. JACKSON BLVD.
CHICAGO 4, ILL.

WRITE TODAY for Your New 32-Page Pioneer Dairy Program.

PIONEER DAIRY FEEDS

MASTITIS IS BEING CURED

● We handle all latest effective treatments including **Penicillin** and new *"Sulfo"* drugs. Write today for particulars.

ANCHOR SERUM CO. (of Indiana)
INDIANAPOLIS, INDIANA

Waterloo Makes Some Rule Changes

With increased efforts being placed on the securing of the participation of more state herds at the national Holstein show which will be held at the National Dairy Cattle Congress at Waterloo, Iowa, Oct. 3 through 9 this year, rules have been revised for this special class in an effort to make qualification much simpler.

This popular class, which was originated at the Dairy Cattle Congress in 1937, will have premiums available in the amount of $200 for each state herd showing, regardless of how it places. The new regulation requires that all cattle must be owned by breeders who exhibited at both their district and state elimination shows and adds that in no case may a breeder have more animals in the State Herd than he exhibited at the district and state shows with three animals as a maximum. The requirement that the animals participating in the state herd be the same as the ones which were exhibited at the state breed show has been eliminated, because of the fact that many animals which are in condition for early shows are out of condition at the time of the National Dairy Cattle Congress.

An increase in premiums in the open classes was also announced by E. S. Estel, secretary-manager of the exposition. Approximately $6,500 will be awarded this year, making the largest premium list ever offered at the National Dairy Cattle Congress. The increase is in line with the established policy of the management to make increases whenever possible. This is the second major increase since the close of the war.

In addition to the large premium list, the Paul P. Stewart Memorial trophy will be awarded for the second time for the best two senior females bred and owned by the exhibitor. The Robert E. Haeger Memorial Trophy for the best Get of Sire group, and the Frank Tilden Price Memorial Trophy for the best Produce of Dam group, both perpetual challenge trophies, will be available for competition again this year.

The production ability of cows in the individual classes will be recognized by a 25% increase in the regular premiums providing they have produced in official test the equivalent of 450 pounds of butterfat in 305 days, twice-a-day milking, as a mature cow.

Prof. G. E. Gordon, University of California, will judge Holsteins again this year. The efficiency and rapidity with which he handles the exceedingly large classes last year in the National show will long be remembered, and his return this year assures another successful and interesting ringside show.

Judging dates of the national Holstein show will be on Thursday and Friday, October 6 and 7, with classes being in the ring from 8 a. m. until 2:45 p. m. each day.

A second change in the rules this year, according to Estel, will be in the computation of the premier breeder award. The banner will go to the exhibitor winning the most money in the open single classes on animals bred and shown by himself as well as on animals bred by him and shown by others. Heretofore only money won in open single classes on animals bred and shown by the exhibitor has been used.

Holstein breeders who are planning on being in attendance at the National Dairy Cattle Congress this year will again be in a position to examine and compare the best that other breeds have to offer. For the Brown Swiss and Guernsey breeders have again selected this show as the place for their official national shows. The Ayrshire breeders have made the 1949 show at Waterloo their regional, and early indications are that there will be again nation-wide representation in the Jersey and Milking Shorthorn breeds. —Dairy Cattle Congress.

OFFICIAL CANADIAN EXTENDED PEDIGREES

"They Help You Sell"

UP-TO-DATE — COMPLETE — FULL OF FACTS

Typewritten Pedigrees, four-generation, Red and Blue—$2.50 each.
(A carbon copy is supplied free)

Duplicator Pedigrees — four-generation:

25 copies	$4.00	75 copies	$5.00
50 copies	4.50	100 copies	5.50

Dam Daughter Comparisons — Sire Analysis — Research

PEDIGREE DEPARTMENT

THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
BRANTFORD, ONTARIO, CANADA

SWAMPED!

Yes, it's Spring and also sale time, so . . . we are swamped with catalog work. Your order? Yes that has arrived and we are working overtime trying to fill it as soon as possible. Please, just a little more time? Thanks for being so patient.

NATIONAL PEDIGREE COMPANY
A. Waschow, Mgr.
Waukesha, Wisconsin

YOUR HERD

is more valuable
when
its records are on

Accurate — Attractive — Waterloo Pedigrees

Pedigrees for Dairymen by Dairymen

SALE CATALOGS INDIVIDUAL PEDIGREES

WATERLOO PEDIGREE CO.

Box 232 Waterloo, Iowa 329½ Commercial

Eldon J. Hans, Manager

Up-To-Date Pedigrees . . .

Furnished by an experienced staff of Holstein enthusiasts using up-to-date files in an organization founded thirty-seven years ago.

Our files include all AR and HIR official records as published, all ROP records from Canada, many DHIA provings, and our compilers furnish the experience needed for this important work. Your DHIA records will also be compiled into the pedigrees as you furnish them.

Our prices are reasonable:

Typewritten 3 copies, 8½x11, 4-gen., 3 colors	$2.50
Typewritten 3 copies, 12x16, 4-gen., 3 colors	4.00
Mimeographed 25 copies, 8½x11, 4-gen., 3 colors	4.00
Printed 100 copies, 6x9, 4-gen., one color	9.50

You will receive prompt, courteous service, neat, attractive pedigree charts. Order blanks furnished upon request.

BACKUS PEDIGREE CO., Mexico, N. Y.

X NUTRIENT IN MILK IDENTIFIED AS VITAMIN B-12

The hitherto unidentified food material in milk that was first reported in 1932 by the Bureau of Dairy Industry and called nutrient X, because of its unknown chemical nature, is undoubtedly vitamin B-12, the U. S. Department of Agriculture announced today.

B-12 is the name commercial chemists of one company gave to the material they recently isolated in crystalline form from liver extracts — the material that makes liver extract effective in the treatment of pernicious anemia.

A number of years ago, C. A. Cary and A. M. Hartman of the Bureau of Dairy Industry showed that nutrient X was essential for normal growth, development, reproduction, and lactation in laboratory rats. Continuing their research they found nutrient X present in the nonfat portion of milk, in cheese, commercial casein, leafy foods and feeds, and in liver extracts, but not in the cereal grains and oil meals.

Nutrient X is so essential in the diet that rats grow very poorly without it, particularly on diets containing lactose, and usually die if it is lacking when the diet contains as much as 65% of protein.

When crystalline B-12 first became available for purchase about six weeks ago, Cary and Hartman began a series of rat-feeding tests to determine the effects of feeding B-12 in place of milk and other known sources of nutrient X.

The results of these tests showed that, insofar as growth is concerned, B-12 functions like nutrient X. Growth deficiencies in the rats due to lack of nutrient X were overcome by feeding either crystalline B-12 or milk, nonfat milk products, leafy foods and feeds, liver extracts, or other food materials known to contain nutrient X.

B-12 has the same effect on the utilization of high-protein diets as nutrient X, and Cary and Hartman conclude that possibly its fundamental function in the normal mammal is to facilitate the utilization of protein in the diet, especially high levels of protein. For example, the rats on diet containing 25 percent of protein made 54 percent of normal growth, those on diets containing 45 percent of protein made from 25 to 30 percent of normal growth, whereas those on diets containing 65 percent of protein failed to grow at all or died when they did not get nutrient X. When either nutrient X or B-12 was fed with these various levels of protein, the effect on rate of growth was the same — that is, the rate of growth increased two-fold on the 25-percent protein diet, somewhat over three-fold on the 45-percent protein diet, and many-fold on the 65-percent protein diet.

Other research by these same investigators indicates that bacteria in the intestine of the rat synthesize nutrient X or some material having similar activity Riboflavin (B-2) plays a very important—if not a dominant—role in bringing about this synthesis. Evidence also indicates that cows may ordinarily synthesize nutrient X to maintain the potency of the milk.

Although B-12 is the material that makes liver extracts useful in the treatment of pernicious anemia, milk and other food materials that are sources of nutrient X are not directly effective. This, however, may simply be because the nutrient X in these foods is not in a form easily utilized by the pernicious-anemia patient.

The investigators conclude that nutrient X or B-12 undoubtedly plays a very important role in the nutrition of the normal mammal, that many of our foods and feeds are deficient in this nutrient, and that milk, nonfat milk products, and various kinds of cheese are particularly good sources of it. There is practically no nutrient X or B-12 activity in white flour, enriched white flour, whole wheat flour, corn meal, wheat bran, or the cereals and cereal products in general, but the deficiencies in these foods can be overcome by supplementing them with milk, or dairy products containing the nonfat portion of the milk, such as cheeses, ice cream, and dried milk.—United States Dept. of Agriculture.

NORTH CAROLINA SALE SUCCESSFUL

W. G. Booker, secretary of the North Carolina Holstein-Friesian Association, reports that their annual sale at Greensboro, N. C., April 7th, brought an average of $485 for the 57 head of cows and heifers sold. The top price was $800, paid by Dr. Foy Roberson of Durham for SCSH Rose Lad Noel Cachet 2838468, consigned by the South Carolina State Hospital, Columbia, S. C.

20 4-H club heifers consigned by North Carolina breeders were distributed right after the regular sale.

The largest crowd in the history of the sales series was present and cattle went to a large number of new buyers. The sale was under the general direction of the Association sale committee under the chairmanship of F. L. Holcombe of Fayetteville, N. C.

Inflation is what you haven't got when your tire blows out.

FRANKLIN VACCINES & SUPPLIES

For Milk Fever use
FRANKLIN C. L. SOLUTION
Speed is important. A few bottles on hand may save your cows.
Calcium Content — 23% Calcium Gluconate.
250cc bottle $1.00
500cc bottle $1.50
Also with Dextrose at same price.
Intravenous Sets.....$2.00

FRANKLIN
CHAP OINTMENT
Daily use keeps teats soft, odorless.
8 oz. jar.....75c

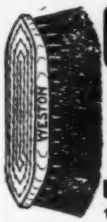
FRANKLIN
UDDER EZE
For sore teats—cracked, chapped or congested.
8 oz. jar.....65c

Help for Preventing
CALF SCOUR
MASTITIS
PINK EYE

PENICILLIN
FRANKLIN SULFAN-OL
TATTOO OUTFITS
DEHORNING PASTE
FRANKLIN UTERINE CAPSULES

WRITE FOR Free CATALOG

Big illustrated catalog describes other Franklin Biologics and Medicinals for Cattle, Horses, Sheep, Hogs and Poultry. Ask for free copy.
O. M. FRANKLIN SERUM CO.
DENVER KANSAS CITY WICHITA AMARILLO FT WORTH MARFA EL PASO
ALLIANCE SALT LAKE CITY LOS ANGELES PORTLAND BILLINGS CALGARY
Local Drug Store Dealers or by Mail
Wherever There's Livestock There's Need for Franklin's
America's Leading Brand of Livestock Biologics



BRUSHES
Expertly hand made to Weston's own factory Close, flat 3-inch tufts Wire drawn Durable Size Pacific. Immediate delivery Prepaid.
No. 1—Golden Thread, Rice Root, each $1.50
No. 2—Cowbman Special Soft White Tampico 1.75
No. 3—Cowbman Special Mixed White and Black Tampico 2.00
No. 4—Cowbman Special Black Waterproof fibre 2.25
WESTON Mfg. & Supply Co.
1905 Speer Blvd. Denver, Colo.

PENICILLIN for MASTITIS
Amazing results reported. Low cost. Write for particulars to—
ANCHOR SERUM CO., Indianapolis, Ind.

SAVE UP TO $16 a Ton
BROWER Whirlwind FEED MIXER
Easy to use. 3 sizes . . . mixes 700 to 3000 lb. batches in 10 minutes.
EASY TERMS
All steel, lasts for years. Over 8000 in use. WRITE for catalog today.
BROWER MFG. CO., Box 1212, Quincy, Ill.

M. V. MANN
Sales Agent
ELGIN COUNTY HOLSTEIN BREEDER'S CLUB
Noted for Type and Production.
RR4, Aylmer, Ontario, Canada
Telephone 31 R 66

When in Canada
plan to visit our herd of line-bred Rag Apples. Also commercial cows.
Hardy Shore
(Telephone Byron 16R-181)
GLANWORTH, ONTARIO

JAMES W. FERGUSSON
Buyer's Agent
Oxford County Holsteins
One or a Carload
Telephone 70-W
Ingersoll, Ontario, Canada

KENT COUNTY HOLSTEIN BREEDERS' ASS'N, Inc.
GORDON AINSLIE, Sales Agent
Rural Route 3 — Tel. 2281
BLENHEIM, ONTARIO

B & R CATTLE EXPORTERS
If you desire purebred or grade Holstein cows, heifers or bulls, write or 'phone for particulars.
Ken J. Brown, Salesman — J. Herbert Reid, Transportation
TEL. 82 R 4
Georgetown, Ontario, Canada

PERTH COUNTY HOLSTEIN BREEDERS ASS'N.
We have a fine selection of fresh or springing cows of breeding or commercial stock. Give our new Sales Agent a try.
GORDON F. BELL
St. Marys, Box 789 Ont.

CASH!
That's what I'll pay for your herd! Or for your complete equipped farm.
Write or 'phone today.
CHAS. VOSBURGH
Cortland, N. Y. 'Phone 605
If you prefer I'll conduct your dispersal, handling all details.

Strohmeyer & Carpenter, Inc.
Photographers of Animals
White Plains — Box 788 — N. Y.

CHIEFTAIN 7th SON PROVEN

With their dams averaging 464 pounds of fat, 7 daughters of Knollwood Renegade Chieftain (V.G.) have made the remarkable increase in their production to 530 pounds of fat. This bull owned by John R. Derrer, Mt. Carroll, Illinois, has 11 tested daughters in HIR that average 508 pounds of fat and 13,780 pounds of milk with an average test of 3.7%. The Derrer bull is a son of Montvic Chieftain 7th from a 486 pound three year old daughter of Knollwood Glista Ormsby Prince.

FOX RIVER VALLEY HOLSTEIN BREEDERS
"In the Heart of America's Dairyland"
offer
SALES SERVICE
both purebreds and grades—representing over 250 purebred breeders all farmer breeder herds in 8 of Wisconsin's best dairy counties.
FREE BUYER SERVICE
Write:
MATH MEULEMANS, Fieldman
Kaukauna, Wisc.

DANE CO. HOLSTEIN BREEDERS' ASSOCIATION
Offers new sales service on grade and purebred cattle from one of Wisconsin's dairy counties where over 10,000 cattle are on DHIA test and more than 15,000 are bred artificially. For information, write—
FRANK E. CAIRNS, Fieldman
853 W. Johnson St., Madison 3, Wis.
Dial 6 - 0513; Res. Fairchild 9748R

GOOD HOLSTEINS FOR SALE
Cows — Heifers — Serviceable Bulls
For good Holsteins, either registered or grades—one or a carload—come to Jefferson County, Wis. Let us quote you prices on quality cattle from healthy herds. Free fieldman's service.
JEFFERSON CO. HOLSTEIN ASS'N
Fort Atkinson, Wisconsin

S. C. SPRUNGER
'Dairy Cattle Auctioneer"
Kidron, Ohio
Phone 87

C. B. SMITH —
LIVESTOCK AUCTIONEER
Specializing in Holsteins
My lifetime experience in all phases of Holstein endeavor is at your service. It pays to employ an auctioneer who knows values.
Address, Williamston, Mich.

J. O. FENSTERMAKER
PURE BRED LIVESTOCK
Auctioneer
Holsteins a Specialty
Homerville, Ohio Phone 246

FRED C. WETMORE CO.
Livestock Photographers
4323 W. 143d St.,
Cleveland 11, Ohio
Phone — Winton 3320

J. R. CLARK (WEST BRIDGE FARMS) CENTERVILLE, PA.

Catalog Summary

28 Females 2 Yrs. & Over	$10,955	$391.25
(5 calves under 3 mos. a.w.d)	660	132.00
6 Bred Yearlings	1,860	310.00
8 Open Yearlings	2,515	314.38
7 Heifer Calves over 3 mos.	1,965	280.71
9 Bulls over 3 mos	3,420	380.00
58	$21,375	$368.54

J. K. Clark, Centerville, Pa., dispersed his herd at the farm on March 26th with R. Austin Backus, Mexico, N. Y., as sale manager and auctioneer.

The event of the day by far was the sale of the herd sire, Pabst Robar Belmont, son of Pabst Roamer (Ex.) and from Pabst Barbetta Belmont Bess (V.G.) who has three good records including one in 365 days at 7 years of 827.9 lbs. fat from 20,067 lbs. of 4% milk on 3X. Bess is a daughter of Sir Ormsby Skylark Barbetta (Ex.) Will Hasbrouck, Titusville, Pa., took Belmont as his only purchase and paid $1550 for the privilege.

In addition to the Pennsylvania buyers there were three buyers from Ohio and one from New York.

Will Hasbrouck, Titusville, Pa.
(M) Pabst Robar Belmont (8-7-45) $1550
Arthur Porter, Linesville, Pa.
West Bridge Wimbledon Wac (1-6-44) 570
Chas. R. Baxter, Jackson Center, Pa. (2)
West Bridge Prospect Rose (9-7-42) 550
Lyle Weaver, Knox, Pa. (3)
West Bridge Piebe Beets (11-28-43) 510
Lawrence P. Moore, Emlenton, Pa.
West Bridge Governor Gleam (10-23-43) 505
J. R. & J. M. Fleming, Knox, Pa.
West Bridge Wimbledon Wisely (4-28-44) 500
Thomas Leathers, Akeley, Pa. (2)
West Bridge Prospect Priority (11-2-43) 500

Other buyers were: George Rose, Spartansburg; Earl Ross, Centerville; Clare L. Flynn, Edenboro; Carl Flick, Spartansburg; J. J. Fielding, Centerville; R. R. Walker & Son, Edenboro; Kenneth L. Weymore, Corry; Glenn Woods, Edenboro; Ward H. Doner & Son, Centerville; I. E. Chenoweth, Hadley; Royden Carpenter, Townville; Clifford Callahan, Greenville; S. M. Crom, Espyville; Lloyd Hopkins, Spartansburg; Robert S. Hammond, Corry; H. James Hammond, Corry; Karl Huefner, Lucinda; John Hanas, Waterford; A. C. Harwood & Son, Wattsburg; Guy Swart, Corry; J. A. Stewart, Worthington; W. K. Stuthers, Mercer; Raymond Buchanan, Centerville; Joseph Bentley, Mercer; Allen J. Arthur, Akeley; Clare E. Post, Centerville; R. L. Pollard, Rimersburg, Pa.; C. O. Hurst, Dorset; Alan O. Britton, Kinsman; A. G. Phillis, Kinsman, Ohio; Henry C. Bower, Angola, New York.

Statistical data furnished by R. Austin Backus, Mexico, N. Y.

Jack McCormack, formerly with Maytags and more recently with Curtiss Candy Company Farms is now in Tuscon, Arizona. He joined Mrs. McCormack and his daughter there and the move was made on account of the health of his daughter. He is on indefinite leave of absence from Curtiss Candy and his address in Tuscon is 1070 E. Seneca.

BREEDERS' DIRECTORY

ALABAMA

Bemis Bros. Bag Co., Talladega; 70 hd.; HIR; Cert.—Acc.; Carnation-Ormsby breeding.

ARIZONA

Davidson Young, Rt. 5, Box 704, Phoenix; 30 hd.; HIR-DHIA; Vac. 1940; Carnation breeding.

CALIFORNIA

Wesley G. Clark, Rt. 3, Box 482, Hanford; 100 hd.; CTA; Vac.; Kg. Bess, Or. Piet. 86th breed.

Inyoloco Farms, Davis; 50 head; HIR; Vac. 1939; Comet, son of Wisconsin Admiral Burke Lad.

George H. Sawyer, Diamond S. Ranch, Modesto; 200 hd; DHIA; Vac. 1939; KPLO & KPOP.

Excelsior Ranch Co., Ltd., Garden Grove, Orange Co.; 100 head; AR; Vac.; KPLO-Ormsby.

Rocky Hill Farms, Exeter; 125 hd.; AR, HIR; Vac. '38; Rag Apple-Burke breeding.

Joseph M. Trindade, Jr., Merced, R-1, Bx. 92; 75 hd.; HIR; KPLO, Sir Hester Ormsby Homestead.

COLORADO

L. T. Winger & Sons, Trinidad, 45 head; HIR-CTA; Vac.; Blood Tested; Triune breeding.

Myron Stratton Home, Colorado Springs, 40 head; CTA; Classified, Vac.; Carnation breeding.

CONNECTICUT

W. W. Sherman, Bloomfield, Hartford; 100 hd.; DHIA; Cert-Vac; Montvic, Dunloggin Design.

GEORGIA

Harris Pedigree Farm, Pelham; Carnation, Ormsby Rag Apple; HIR; Fully Accredited.

ILLINOIS

Beaus Lea Farms, Floyd D. Rote, Capron, Boone Co.; 100 head; Rag Apples and Ormsby.

Wm. H. Warner, Hebron, McHenry Co.; 50 hd.; CTA; Vac. 1942; Montvic breeding.

Rolling Woods Farm, Rt. 2, Elgin; 100 hd; Cert-Vac; CTA; M-O-W Illehamwood proven blood.

Wiseacres Farm, Batavia; 55 head; Cert.; HIR; Pabst Burke Joh., Loch., Os., Admiral blood.

L. H. Geddes, Winnebago; Winnebago Co.; 105 hd.; DHIA-HIR; T B Acc; Mark.; M. Dun.; Car.

Garnhart & Campbell, Forreston, Ogle co.; 45 head; DHIA; Neg.; Vac.; Car.; Madcap; Hazelwood.

Howard Farm, Dundee, Kane Co.; 60 head; HIR-CTA; Vac.; Acc.; Pearl, Crescent Rag Apple.

Peter C. Jungels, Lemont on U. S. 66; HIR; Fed. Acc.; Vac.; Carnation; Rag Apple.

Killybracken, Wayne,. DuPage; 100 hd.; AR-HIR; Burke, Carnation.

Wavellyn Farm, Plano; Creston R A Posch, our son of Montvic R A Chief, 56th G M Sire; HIR.

INDIANA

Dunbar & Middleton Farms, Colfax; 80 head; HIR; Neg.; Vac. 1941; Carn. Gov. Madcap.

Conner Prairie Farms, Noblesville, Hamilton; 100 head; DHIA; Calf Vac.; Burke-Perfection.

KANSAS

Jake Zarnowski, Newton, Harvey Co.; 70 head; Neg.; HIR; Triune and Burke breeding.

KENTUCKY

St. Rose Farm, Springfield, Washington Co.; 75 head; Cert.; Vac.; U. S. Soldiers' home sire.

MASSACHUSETTS

Clayton Farms, New Marlborough, 50 hd.; DHIA; Bang's Neg, Acc Redstone Woodmaster.

Lindenbrook Farms, Spencer H. Logan, Great Barrington, Berkshire Co.; 50 head.

Maple Lane Farm, Middleton; 50 hd.; Vac.-Acc.; Montvic, Carn.; Geo. A. Stahler.

Great Brook Farms, Farnham W. Smith, Carlisle; 40 hd.; HIR; AR; Acc-Vac; 45th-Rag Apple.

John G. Ellis,Highfield Farm, Lee Berkshire Co.; 35 hd.; HIR; Acc; Vac.; Ray. R A Tyrone.

Frank W. LeGeyt, Sheffield, Berkshire; 75 hd.; DHIA; Acc-Vac; Orm. Sen. 45th & Chief. 7 son.

Leon M. Shumway, Williamsburg, Hampshire Co.; 30 hd.; HIR; Bang's TB; Or. & Baker Farm.

MICHIGAN

Lakefield Farms, Clarkston, Oakland; 100 hd.; HIR; TB Acc-Vac.; Ormsby and Montvic.

John A. Rinke, Warren, Macomb Co.; 60 hd.; HIR; Cert.; Rag Apple-Posch-Burke breeding.

Louis W. Becker, Clare, Clare Co. 34 head; DHIA; Neg.; King Bessie, Montvic breeding.

Heckathorn Farm, Three Oaks, Berrien Co.; 50 hd.; HIR, CTA; Vac.; Montvic-King Bessie.

Jonelar Dairy Farm, Riegle & Rayner, Davison, Gen. Co.; 70 hd.; DHIA; Vac.; Car. R.A. breeding.

Pine Row Farm, Clarkston, Oakland Co.; 40 head; HIR; Vac.; Carnation breeding.

George and Ross Robb, Fowlerville, Livingston Co.; 40 head; HIR; Neg.; Rainbow Ormsby.

Van Hoosen Farm, Rochester, Oak Co.; 175 head; HIR; Vac.; Sires: Carn. Imp.; Gold Medal Bu. Son.

The Wieneke Farm, Saginaw, Saginaw Co.; 45 head; DHIA; Vac; Carnation breeding.

MINNESOTA

Marlow Holstein Farms, Mankato; 200 hd.; HIR; Femco Alma, Burke, Lochinvar breeding.

MISSOURI

Clyde Hill Farm, Clyde, Nodaway Co.; 125 head; HIR; Neg.; S.B.O. Fobes breeding.

MONTANA

Shumate Dairy, Helena, Lewis & Clark Co., 90 hd.; HIR-DHIA; TB Acc-Vac; Hallr. Orm. Rube.

David Lea & Son, Stevensville, Ravalli Co; 50 hd; Class 82.2; Acc-Neg; Orma, Raven., Creston

NEW JERSEY

Bartram Farm, N. Kelley, Annandale; 100 head; HIR; Vac 1941; A. O. Fobes Rag Apple, Design.

Pilfour Stock Farm, Inc., Neshanic; 160 hd.; Vac; CTA; AR; DHIA; Gladiator, Loch. sires.

NEW HAMPSHIRE

McCarter Farm, Rochester; 35 hd; HIR; Neg.; 45th breeding.

NEW MEXICO

Humphrey's Dairy, Clovis, Curry Co.; 98 head; Acc.; Son of Carn, Governor Imperial.

McCarty's Dairy, Inc., Las Cruces, 150 head; CTA; Acc.; MOW; Osborndale-Henry Farm.

NEW YORK

Earnest H. Bartlett, Georgetown; 30 head; CTA; Class.; Cert.; Quonquont, Mont., Winterthur.

A. Fisher & Sons, Canastota; 90 head; CTA; Vac; Tovarich, Woodmaster, Gov. of Carnation.

Mrs. J. M. Huff & Sons, Hemlock; 70 hd.; Sr. sire Clove Valley Supreme Satisfaction (Gold Medal)

Leonard Kaplan, LaGrangeville, Dutchess Co.; 60 head; CTA-AR; Acc.-Vac.; Orma-Lochinvar

M. R. Klock Son, Ft. Plain; 70 head, CTA, Blood tested, Vac.; Carnation breeding.

Frank J. & Lena J. Niles, Smyrna, Chenango Co.;170 hd; DHIA Acc, Neg. Carn. Mont. Loch.

Fruitlands Farm, Valatie, Columbia Co.; 90 hd; HIR; Vac. Blood test; Ormsby; Dunlog. Design.

Ferdinand Lewandrowski, Newport, Herkimer Co.; 100 hd; Ac. Vac.; CTA; Mont. R. A., Hist.

Ray Saltsman & Son, Cortland, Cortland Co.; 85 head; Neg.; AR—CTA, Ormsby.

E. P. Smith, Sherburne, Chenango Co.; 250 hd; DHIA; TB Acc.; Vac.; Posch, Fobes, Osborndale.

W. H. Worden & Son, Windsor, Broome Co.; 100 head; CTA; Vac. 1940; Ormsby-Bessie line.

Winfield Jenny, Eaton, Madison Co.; 80 hd.; Vac. 1942; Creston Twenty Grand, Tovarich.

OHIO

KenMac Holsteins, K. P. McDannel, East Canton; 45 hd.; HIR; Acc-Vac; Maytag Or. Fobes 4th

Donald Phillips, Damascus, Columbiana Co.; 45 hd.; HIR; Acc; TB and Bang's; Dunloggin.

Pine Crest Farm, Morrow, Warren Co.; 25 hd; HIR; Neg.; Vac.; Dunloggin Designer breeding.

Glenn Shreve, Damascus, Mahoning Co.; 40 hd.; HIR-AR; TB-Bang's Acc.; Dunloggin.

C. T. Shreve, Damascus, Mahoning Co.; 75 hd.; HIR-AR; TB & Bang's Acc.; Dunloggin.

OKLAHOMA

Adams Acres, Broken Arrow, Tulsa Co.; 100 hd.; Vac-HIR; Ormsby-Crescent Beauty Admirals.

Edward P. Boyd, Boyd Farms, Rt. 4, Oklahoma City; 40 hd; CTA, AR; Vac.; Ormsby, Carnation, Montvic.

Eastern Okla. Hosp. Dairy, Vinita, Craig Co.; 290 hd.; CTA; Vac.; Ormsby, Triune, Carn.

Floyd E. Pruden, Altus, Jackson Co.; 45 head; CTA-AR; TB & Bang's; Lauxmont-Ideal-Dun.

PENNSYLVANIA

Willow Ridge Farm,Willow Grove, Montgomery; 125 hd; HIR; Pa. Bang's; TB; Dunloggin, Mont.

Haselee Farms; H. J. Lawrence, Halstead, Susqu. Co.; 80 head; CTA; Cert.; Orma. Winterthur.

Iseman Bros.,Ford City,Armstrong Co.; 45 hd.; individ. plan; Cert; Laux; Pabst Roam, Duke Burke

Paul G. Longnecker, Strasburg, Lancaster; 60 hd:HIR;Cert-Acc Rows. Rag Apple Sov.-Marks.

SOUTH CAROLINA

S. C. State Hospital, Columbia; 500 head; AR-CTA-ACC (Acc'd.) Ormsby & Carnation breeding.

TEXAS

Carrington Farms, Box 1175, Austin; 30 hd.; HIR, Acc.; Carnation-Burke breeding.

McWherter Farms, Paris; 30 hd.; HIR-CTA; Classified; Carnation, Rag Apple breeding.

UTAH

Brigham Young Univ.Dairy Farm, Prove; 30 hd.; CTA-AR; new home of Carn. Gov. Madcap.

VERMONT

Elmwood Farms, Carroll H. Landon; New Haven; 200 head; CTA; Cert.-Vacc., 1937; "45th"

A. B. & W. A. Weeks, Clarendon; 40 hd; Progressive Breeders Registry; Skyway breeding.

S. Allen Soule, Fairfield; 60 head; calf-vac. & Acc.; DHIA; Montvic-Raymondale-Tyler Farms.

Venture Farm, G. L. Lewis, Jr., Norwich; 30 head; HIR-AR; Vac-Neg.; Dunlog., Rag Apple.

VIRGINIA

W. S. Barksdale, Randolph, Charlotte co.; 300 head; DHIA; Cert.; Vac.; Or. R. A. breeding.

WASHINGTON

Ernest E. Nolte, Everson, 50; HIR; 2X; Vac; Neg. Bang's, TB; Colony Vale Sir Hello 53rd.

Vernway Farms, I. W. Youngquist Bow; 60 head; HIR;Hazelwood-Homestead breeding.

WISCONSIN

Charles & Donald Brace,Lone Rock Richland; 70 hd.; DHIA; HIR; Vac; Dun.; Orma. Var Kg.; Or.

Carm Farms, Inc., Sheboygan Falls; 90 head; HIR; Cert-Vacc.; Ormsby Sensation 45th.

A. F. Gallum, Hartland, Waukesha Co.; 60 head; CTA; Cert-Vacc.; Burke and Roamer.

Frank T. Druggis, Hales Corners, Milwaukee; 19; Hir-DHIA; TB; Calf Vac.; Pabst-Correction.

Curtisdale Farm, Mauston; PBR '47-'48; 45 hd.; HIR; Cert. Acc.; Intensified Ormsby.

Albert Grover & Son, Galesville, Tempealeau; 35; HIR; Cert-Vac Acc.; Loch., Marksman, 20 Gr.

D. L. Cavey, Elkhorn, RI, Walworth; 56; DHIA Bang's Free; TB; Wiseacres Blazer Burke.

John Kieffer, Auburndale, Wood Co., 60 hd.; Vacc.; CTA; Admiral-Rag Apple breeding.

George Keiffer, Auburndale, Wood Co.; 100 hd.; CTA; Admiral Ormsby Fobes.

I. H. Lichtenwalner, Barron; 34 head; HIR; Cert.-Vac; Admiral Ormsby Fobes,Pride of Sir Piete

Robert M. Panzer, Kansasville, Racine; 45; HIR; TB; Bang's Free; Calf Vac.; Ormsby.

Douglas Co. Asylum, Superior, 150 head; AR-CTA; Neg.; Pabst-St. Croix breeding.

Emil Weesenberg & Son, Chippewa Falls, Chippewa; 75; DHIA; Vac.; Orm. Fob., R A, Kg. Bess

Paul E. Sanger

Sales Manager and Auctioneer
offering you modern up-to-date
COMPLETE SALES MANAGEMENT
Specializing in Holstein Sales.

MYERSTOWN, Phone 45R2 PA.

Howard C. Barker
PHONE 1773
FREDERICK, MARYLAND

SALE MANAGER - LIVESTOCK BROKER
Consignment and Dispersal Sales
Exporter - Appraisals - Herd Consultant
Private Sales on Commission
Purebreds or Grades

LELAND J. OSBORN

Auctioneer and Sale Manager

Specializing in Registered Holsteins

My years of experience with Holsteins at your service. Have experienced office force to aid in handling registration papers, catalogs and advertising.
When planning a sale, often your life work is at stake. Be sure to employ competent sales people. A few dollars spent wisely can make you hundreds in return.

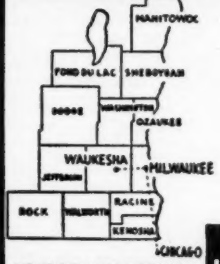
Phone or write—

Osborn's Sales Service

Complete and Competent

WARSAW, INDIANA

Phone — 1500 **P. O. Box 3**



Purebred And Grade Holsteins

Selected for Type and Production. T.B. Accredited — Blood tested. Some calfhood Bang's vaccinated. From 200 of better Wisconsin herds. We are in position to fill small or large orders for interstate or export.

Service of
W. L. Baird, Arthur Bennet, Harvey Swartz, Ed Weyker, Frank Swartz and Don Stouffer at your disposition.

WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

FOR INFORMATION WRITE
INTER-COUNTY DAIRY CATTLE ASSN
BOX 177 WAUKESHA WIS.

AGITATION OF DILUTED BULL SEMEN IS FOUND TO AFFECT LIFE OF SPERMATOZOA

P. W. PRINCE and J. O. ALMQUIST,
Pennsylvania State College

Recent tests show that agitation of diluted semen markedly decreases the motility of bull spermatozoa. In the routine operation of artificial breeding associations, transportation of diluted semen samples is required from the bull stud to the local inseminators. Samples often are shipped considerable distances and varying degrees of agitation may be encountered en route. Based on the results of these experiments, associations are now attempting to minimize the effects of agitation by shipping semen in completely filled test tubes of different capacities.

For this experiment, 15 semen samples were obtained from 3 fertile bulls of the College dairy herd. The samples were diluted with the customary egg yolk-citrate diluter and four series of test tubes were prepared containing various amounts of diluted semen. Each series consisted of test uubes which were one-quarter filled, half filled, three quarters filled and completely filled with diluted semen. Three series of test tubes were subjected to mechanical agitation for 6, 12, and 24 hours, respectively, while the fourth series, the control, received no agitation. This experimental design made it possible to determine not only the effects of varying amounts of agitation, but also the effects of agitation upon the livability of the spermatozoa in tubes containing different volumes of semen.

All tubes which received agitation were packed in shipping cartons similar to those used by the artificial breeding associations and the usual precooling and refrigeration methods were employed. The semen which received no agitation was cooled gradually to about 40 degrees Fahrenheit and stored at this temperature for 20 days. Immediately following the prescribed agitation period all other samples were stored in a similar manner. The effects of agitation were measured by determining the livability of the spermatozoa. The percentage of motile sperm in each sample was determined microscopically every 2 days during 20 days of storage.

The data shown in table 1 are the average values for the 15 ejaculates used in the study. These results show that livability was decreased as the length of agitation was increased. The decrease in livability was much greater when the tubes were only partially filled with semen than when they were completely filled. The results also show that irrespective of the amount of agitation, the ability of the spermatozoa to remain motile during storage decreased as the volume of semen in the test tubes decreased. In view of these findings it seems advisable to completely fill all test tubes of semen prior to shipment, in order to obtain maximum livability of the spermatozoa.

Table 1.—Average percentages of motile spermatozoa in diluted bull semen during 20 days of storage at 40 degrees F after agitation for varying periods.

Fullness of Test Tube	Period of Agitation			
	0 hours per cent	6 hours per cent	12 hours per cent	24 hours per cent
Filled	32	31	31	30
Three-quarters filled	31	25	22	20
Half-filled	29	21	19	16
One-quarter filled	22	17	15	11

WOOD COUNTY, WIS. BREEDERS ORGANIZE

The Wood County Holstein Breeders Association was organized at a meeting in Auburndale, Wisconsin on March 23. I. J. Corey, County Agricultural Agent and Art Collentine U. of Wisconsin College of Agriculture, discussed the purpose and activities of county breeders' associations. William Gotz was elected temporary chairman and those present voted to organize a county association. George Kieffer was elected president, William Gotz, vice-president, Mrs. Ray Teska, Secretary and Mike Albrecht treasurer. The following were elected to the board of directors: Mike See, Marshfield; Simon Ennema, Wis. Rapids; Elmer Whitney, Sherry; Fred Trachte, Arpin; and Matt Grassl, Auburndale.

They are sponsoring a consignment sale April 23 at the Marshfield fair grounds which includes many calves and yearlings from prominent Holstein breeders, especially suitable for FFA and 4-H projects.

Any breeder of Holstein cattle, either grade or pure bred, is eligible for membership. Such breeders are cordially invited to join the association. Annual dues were set at $1.00.

A black and white show will be held on the Rudy Weinfurtner farm on June 11. In addition to classes of cows, senior bulls, junior and senior heifers there will be a cow class based on production records.

A type and management program tentatively set for July 11, will be held at the Lloyd Fruin farm, especially for FFA and 4-H boys and girls, but any interested adults are invited to attend.

—Mrs. Ray Teska, Secretary.

SHIPMENT TO ITALY

Adrian Personius, Ithaca, N. Y., assistant fieldman for the New York Holstein Association, is working currently on a large order for four high class bulls and 300 bred heifers for shipment to Italy. Specifications on the heifers include desirable type, and dams with records from 350 up, the heifers to be about 6 months in calf on arrival, with shipping scheduled for sometime in May. Interested breeders in New York State should contact Mr. Personius at once.

ISRAEL BUYS IN HOLLAND

The Jewish Agency of the State of Israel reports that the recent hostilities have seriously reduced the livestock in many settlements and that as no adequate cattle reserves are available locally, a selection of 150 high class cows 120 calves were bought in Holland. These were purchased during the week of March 13 to 19 and the first transport of 85 cows and 40 calves has already arrived.

It's good to have money and the things money can buy, but it's good, too, to check up once in a while to make sure that you haven't lost the things money can't buy.

Doing business at the same old stand

BOX 231 EXETER, N. H.

Complete auction service for dispersal or consignment sales. Assistance in purchase or sale of good cattle at private treaty. Consultation without cost or obligation to you.

W. A. Baker

SOMETHING NEW HAS BEEN ADDED —

As of Jan. 1, 1949, we are pleased to announce the employment of MR. MERLE R. CAMPBELL on a full-time basis, and the extension of our service to pure-bred Holstein Breeders in both AUCTION SALES and SERVICE IN BUYING AT PRIVATE SALE. "Merle" and his family have already taken up residence in Oconomowoc.

For more than 25 years we have specialized in the holding of DISTINCTIVE DISPERSALS and Breed-promotional CONSIGNMENT SALES. The same high-class, result-getting service is now offered over a much wider area. **Whenever we can be of service to you please write, wire or phone.**

A. W. PETERSEN AND ASSOCIATES, Oconomowoc, Wis.

544 LaBelle Ave., — Phone 470

FOR THE WESTERN STATES

(or wherever good Holsteins grow)

We Offer

COMPLETE SALE SERVICE

Our growing list of satisfied customers in Washington, Oregon, Idaho California and Arizona might be of interest to you in planning dispersal or consignment sales.

RUBE EVERLY, Sale Mgr.
706 New World Life Bldg., Phone 2678,
Seattle 4, Washington

DEPENDABLE

SALES and SERVICE

We have devoted over 35 years of continuous service to breeders in the marketing of purebred Holsteins — sometimes at public sale and sometimes at private treaty. We have an experienced staff of six fieldmen to assist in servicing the public. We have orders for cattle at private treaty. At present, we have two parties wishing to buy an entire herd of the right kind. Our facilities are available to you. We can give special service to dispersal sales.

Write - - - or - - - Phone

W. L. BAIRD, Waukesha, Wis., or FRANCIS DARCEY, Watertown, Wis.

Holsteins Are Our Business

SELECTING — SHIPPING — BUYING

Our Life-Time Experience

We would be glad to help solve your requirements. If in a hurry, phone us, if not, please write us.

Hays Limited, Export Dept., Oakville, Ont., Phone 1308

Holstein-Friesian World

The Newspaper of the Breed

VOLUME 46, NUMBER 9 **MAY 7, 1949**

Established 1904

Holstein-Friesian Register ..... Est. 1886
Black and White Record ..... Est. 1916

Published at Lacona, N. Y., the first and third Saturday of Each Month, by Holstein-Friesian World, Inc.

M. S. PRESCOTT, Editor
WM. A. PRESCOTT, Associate Editor
THEODORE PRESCOTT, Associate Editor
FAY C. BARNEY, Associate Editor
ROBERT H. HASTINGS, Associate Editor
MABEL C. CHASE, Editorial Assistant

Subscription price for the United States and Canada, $2.00 per year; in advance. Foreign subscriptions $3.00 per year. First Class Mail subscriptions (U. S. and Canada) $10.00 per year; Air Mail subscriptions (U. S.) $24.00 per year.

The figures following the address on the mailing label of each paper indicate the month and the year to which the subscription is paid and answers the purpose of a receipt. All subscriptions are discontinued promptly upon expiration. The WORLD subscription list is filed geographically by town and state. Accordingly, when you change your address, **please be sure to give us your old address as well as the new.**

Advertising rates upon application.

News and advertising forms close nineteen days in advance of publication dates.

Holstein-Friesian World, Lacona, N. Y., Phone Sandy Creek 3811

FUTURE PUBLICATION DATES:
May 21; June 4-18, 1949

Directory of Officers and Fieldmen of
The HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

President ..... Owen D. Young, Van Hornesville, N. Y.
Vice-President ..... S. B. Hall, Troutdale, Oregon
Executive Secretary ..... H. W. Norton, Jr., Brattleboro, Vt.
Director of Extension ..... Glen M. Householder, Brattleboro, Vt.
Counsel ..... Clinton M. Horn, Terminal Tower, Cleveland, Ohio

NATIONAL FIELDMEN

Allen N. Crissey, 360 Worthington St., Springfield 3, Mass.
H. Allen Shumate, Helena, Montana
G. Raymond Appleman, Linn, Kansas
Charles Brace, Lone Rock, Wisconsin
John H. Stewart, Waterloo Bldg., Waterloo, Iowa
John Morris, McDonogh School, McDonogh, Md.
Russ Miller, 314 Fulton St., Williamston, Mich.
Robert J. Howard, Box 472, Geneva, Illinois

FULL-TIME STATE FIELDMEN

W. D. Brown, N. Y. Holstein-Friesian Ass'n., 203 North Aurora St., Ithaca, N. Y.
A. T. Personius, N. Y. Holstein-Friesian Ass'n., Ithaca, N. Y.
I. D. Hadley, Ohio Holstein-Friesian Ass'n., Wooster, Ohio.
Geo. Nichols, Ohio Holstein-Friesian Ass'n., Wooster, Ohio
J. A. Fairchild, Sec'y-Fieldman, Pennsylvania Holstein Ass'n., Berwick, Pa.
L. H. McDaniel, 632 College Ave., Fresno 3, California.

BOARD OF DIRECTORS

Terms Expire 1949: Harold J. Shaw, Sanford, Maine; J. Homer Remsberg, Middletown, Md.; Merrill N. Warnick, Pleasant Grove, Utah.
Terms Expire 1950: Albert B. Craig, Sewickley, Pa.; Fred W. Tullis, Monroe, Mich.; I. W. Youngquist, Bow, Wash.; Herbert G. Miller, Northfield, Minn.
Terms Expire 1951: Ernest M. Wright, Waterloo, Iowa; M. R. Moomaw, Canton, Ohio; Scott Meyer, Hannibal, Mo.; Harvey Nelson, Union Grove, Wisconsin.
Terms Expire 1952: Carl G. Wooster, Union Hill, N. Y.; Frank L. Pellissier, Whittier, Calif.; T. Hobart McVay, Nickerson, Kans.; Thos. H. Benton, Blairstown, N. J.

Cowphilosophy — by Mark H. Keeney

(Now in the 3rd Printing of the Second Revised Edition).

Here is the most practical of all the dairy husbandry books—written in cowman's language by a Master Breeder, internationally known for his work with the famous Overbrook herd. A text book for everyone interested in dairy husbandry. Now being used by the hundreds in Veterans' on-the-job farm training courses.

VETERANS! IF COWPHILOSOPHY is not being used in your farm training course, please ask the instructor to write for information about this leader in the field of dairy publications.

PRICE $3.00, postpaid in U.S.A. Special discount to schools.

Prompt Delivery — Complete Satisfaction Guaranteed.

Order from
HOLSTEIN-FRIESIAN WORLD, Box V,
Lacona, New York

Smiles—

"Be careful of a live wire when you're in the bath tub."

"Oh, I am. I always lock the door."

"Why don't you marry her?"

"She has a slight impediment in her speech."

"How sad, what is it?"

"She won't say 'yes'."

Sambo and Rastus were having their supper. A large fly was buzzing around Sambo and Rastus endeavored to shoo it away from his friend.

"What sort of fly am dat?" asked Sambo.

"Dat's a hoss-fly," replied Rastus. "Dey buzzes around jackasses mos'ly."

"Is you inferring Ah's a jackass?"

"Ah ain't inferrin' nothin," replied Rastus, "but you can't fool dem hoss flies."

"Imagine my embarrassment," said Dumb Dora, "when according to my usual custom I look under the bed before retiring, completely forgetting that I was in an upper berth."

A man who was wanted by the police had been photographed from six different angles and the pictures had been sent out over the state. In a few days state police headquarters received this word from a small-town constable: "I duly received the pictures of six miscreants wanted. Five of them have been captured and we are on the trail of the sixth."

A woman went to buy a drinking bowl for her dog, and the shopkeeper asked her if she would like one with the inscription, for the dog."

"It really doesn't matter," she replied. "My husband never drinks water, and the dog can't read."

Somebody Had To

Friend: "What's Dick doing now?"

Farmer: "Well, he's a-docterin'."

"And John?"

"He's horse tradin'."

"And William?"

"He's sorter savin' souls."

"And Tom?"

"Well, Tom he's sorter politicin'."

"And you?"

I? Well, I'm sorter farmin' an' afeedin' Dick, John, William an' Tom."

Proof Enough

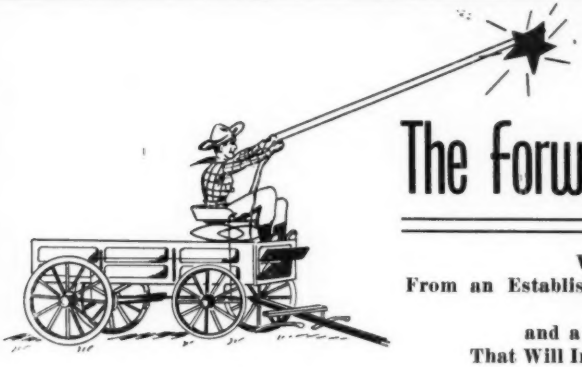
"It appears to me that this man is abnormally lazy," said the officer. "What is your opinion, sergeant-major?"

"Well, I shouldn't like to do him an injustice, sir," was the reply, "but if it required any voluntary work on his part to digest his food he would die from lack of nourishment."

Art student: "You're the first model I've kissed."

Model: "Really? How many have you had?"

Art student: "Four—an apple, an orange, a vase of flowers, and you."



The Forward Looking Breeder

Will Buy His Next Sire
From an Establishment with a Record of Achievement in the PAST
and a Program in the PRESENT
That Will Inspire Confidence in the FUTURE

Since Belle of Winterthur 34993 was registered in Volume 12 of the Holstein-Friesian Herd Book for 1893, 2452 Holsteins have been registered by Winterthur Farms.

Since the first AR record was made on Emeretta Korndyke De Kol 189227 in December 1914, Winterthur Farms have completed 1442 long-time AR records, including 22 National champions.

Since the National Honor List was started in 1922, Winterthur Holsteins have scored a total of 13,411 points, an average of 516 points per year. 17 times Winterthur has been the leading Honor List owner and breeder, and 11 times a Winterthur bull has been the leading Honor List sire.

THERE IS NO BETTER GUARANTEE FOR THE FUTURE THAN THE PRESENT WHICH EXEMPLIFIES THE INHERITANCE OF THE PAST.

One member of the Present herd is
Winterthur Fobes Great Don Tikati 2023034

Pictured as a 3-yr.-old and recently Classified Excellent at 10 years of age.

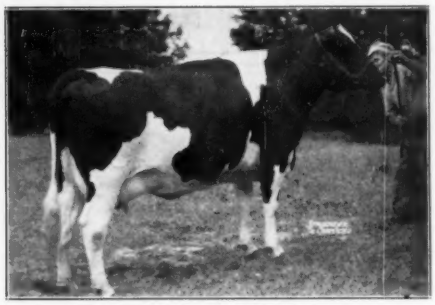
2X	2- 8-23	365	17670	4.1%	728.8
	(1st on 1942 Honor List)				
2X	4- 0-12	365	15062	4.4%	665.3
	(2nd on 1944 Honor List)				
2X	6- 0-18	365	21513	4.2%	911.7
	(1st on 1946 Honor List)				
2X	7-11-14	305	17816	4.2%	747.9
	(2nd on 1947 Honor List)				

Winterthur Farms

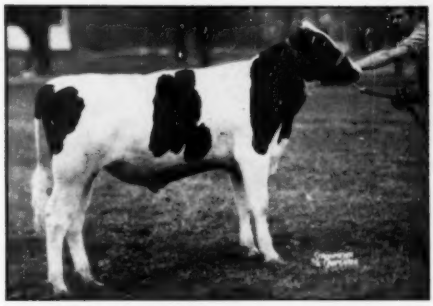
Winterthur, Delaware

Accredited 25 Years | 18th Year on 2X Milking | Negative 22 Years

A SUPER-DUPER PEDIGREE
FOR THE SUPER-DUPER SALE
[Butterfly Lochinvar Lanny — Born May 21, 1948]



MONTVIC EMPRESS AMELIA
Top-priced female in the Wimbledon Dispersal, 1946.



BUTTERFLY LOCHINVAR LANNY

His 14 nearest dams, average:
Fat 365 days—851.00 Milk—21377 4%

Study his pedigree consider his sire, now in heavy service at Butterfly with many promising young daughters already awaiting development and many bred to him.

His dam, bred right at Mount Victoria Farms, large, marvelous in every respect as her photo shows; one of the few daughters of "Lochinvar" from an own daughter of Johanna Rag Apple Pabst; her dam being past 15 years old and still alive in a mid-west herd, and what a brood cow, note her daughters in the pedigree.

He has the Posch cross through both sides of his pedigree this is the blood which has blended so successfully with that of the "Rag Apples".

He carries ten crosses to Johanna Rag Apple Pabst.

BUTTERFLY BARNEY LOCHINVAR
Senior Herd Sire in the Butterfly Farms herd.
His 7 nearest dams, average:
Fat 365d 914.50
Milk 3.8% 23999.00
Each of these 7 has from 797 to 1124 lbs. fat.
Sire of the top selling bull in the 1948 Earlville Invitational Sale.

MONTVIC EMPRESS AMELIA
365d 6½y 3X 19100 4.4% 830.0
(Last 3 months estimated, still A R test)
365d 5y 3X-2X 18673 4.1% 762.8
(First half was made on 2X at Wimbledon and second half on 3X at Butterfly).
She has two 87½% sisters with 858 and 925 lbs. fat, tests of 4.27% and 4.9%. These sisters are both by Lochinvar and from a daughter of Montvic Rag Apple Amelia.

MONTVIC LOCHINVAR
One-half interest sold for $13,000.
Sire, 1st Get, Eastern States, and New York State Fair, 1947.
51 Tested Daughters
4 from 816 to 925 lbs.
4 from 710 to 777 lbs.
7 from 610 to 650 lbs.
16 from 511 to 592 lbs.

LILY BELLE POSCH
365d 6y 4X 26779 3.5% 939.6
365d 3y 4X 25904 3.4% 870.7
Milked up to 105 lbs. daily.
1 A R Daughter with 776 lbs., 3 yrs., 3X, 3.8%, Ohio State Fat Record, made with first calf.

MONTVIC LOCHINVAR
Three sons have sired World Champion daughters, one with 1120 lbs. fat, 2½ years, 3X, 4.27%; another with 1117 lbs., 3½ years on 3X; and yet another with 974 lbs. fat and 28,486 lbs. milk, 4 yrs., 3X, all within the past 90 days.

MONTVIC RAG APPLE AMELIA
365d 8y 3X 17423 4.3% 742
3 Tested Daughters
1 with 762 lbs., 5y, 3X, 4.1%
1 with 616 lbs., 305d, 4.3%
1 with 606 lbs., 305d, 4.1%
Full sister with 839 lbs., 2½y, 3X, 3.8%.

RAYMONDALE IDEAL SUCCESSOR
Sold for $18,000 at 9 yrs.
33 Tested Daughters
3 with 1008, 1019 and 1163 lbs.
Sire of famous sons.

MONTVIC CHAMPION ABBEKERK
Res. All-Amer. 3-yr.-old, 1935.
365d 7y 3X 21620 4.19% 905
2 Tested Daughters with 780 and 1019 lbs., 3X, "E."

SIR PEDRO POSCH
4 A R Daughters
2 with 866 and 939 lbs.
2 with 612 and 692 lbs.

BESS CREAMELLE COLANTHA POSCH
365d 5y 4X 28192 4.0% 1124
(Former N. Y. State Record)
3 A R Daus., 826, 863 and 939 lbs.

RAYMONDALE IDEAL SUCCESSOR
One of the truly great sires in breed history.

MONTVIC CHAMPION ABBEKERK
Her two "E" daughters with 780 and 1019 lbs. each have daughters of their own over 800 lbs. fat in heifer form.

JOHANNA RAG APPLE PABST
The famous foundation sire of the Montvic strain and four times an All-American.

MONTVIC COUNTESS POSCH
365d 2½y 3X 13221 3.8% 503
3 Tested Daughters
with 534, 742 and 839 lbs.

BUTTERFLY FARMS

R. AUSTIN & JAY W. BACKUS, Owners — MEXICO, N. Y. — GILBERT WELCH, Herdsman